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ABSTRACT

Information is presented from an employment survey of Michigan college graduates, focusing on destinations, average starting salaries, and unemployment for 1987-88 at all degree levels. Some of the study findings are as follows: (1) after completing their degrees, graduates could be working full-time, pursuing other educational goals, or still seeking employment, and more than 60% of all graduates were working while 8%-11% were unemployed; (2) depending on the degree level, pursuit of additional education varies from a high of 22% among associate's degree recipients to a low of 7% for Ph.D. recipients; (3) approximately 75% of the bachelor's, master's, and doctoral graduates remain in the state of Michigan; (4) bachelor's recipients are more likely to accept jobs outside the state; and (5) technical fields, especially engineering and engineering technologies, computer science, business, health sciences, industrial arts, and agriculutral sciences generally receive the highest starting salaries across all degree levels. (SM)

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EMPLOYMENT SURVEY OF MICHIGAN COLLEGE GRADUATES: Report of Destinations, Average Starting Salaries, and Unemployment

1987-88

(All Degree Levels)

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Lake Superior State College
Lansing Community College
Marygrove College
Michigan State University
Michigan Technological University
Monroe County Community College
Muskegon College of Business Technology
Muskegon Community College
Northern Michigan University
Oakland University
Olivet College
Saginaw Valley State University
Siena Heights College
Spring Arbor College
University of Detroit
University of Michigan - Ann Arbor
Western Michigan University

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SUMMARY

The information in this report has been compiled from statistics received from thirty-one (31) public and independent two- and four-year colleges and universities in Michigan. Several institutions which have participated in past years were in the process of converting to new database systems and could not provide data this year. Their systems are to be operationalized in time for next year's report.

Institutions reporting data this year, accounted for approximately 37%, 43%, 58%, 39%, and nearly 57% of certificate, associate, bachelor's and master's and doctoral (not including medicine and law) degrees, respectively, awarded in the 1986-87 academic year. These figures are based on a comparison with statistics provided by the Michigan Department of Education. (See Note 1).

In reporting follow-up information to the Institute, placement officials included professional degrees (law, medicine, and veterinary medicine) and professional certificates requiring more than three years of graduate education with Ph.D. recipients. This grouping produces some discrepancies, particularly in education and health sciences, between the State's data base and graduates reported by participating institutions.

As in previous years, several discrepancies were encountered between State data and reported numbers at the bachelor's and master's degree levels. Renewable natural resources, marketing, and law were curriculum areas with noticeable differences between data bases. No reason for these deviations has yet been pinpointed. Caution needs to be taken in making comparisons in Tables 1, 4, 7, 10, and 13.

Tables 1, 4, 7, 10 and 13 compare State data on degrees conferred with graduates reported by participating institutions for certificate, associate, bachelor's, master's and doctoral degrees, respectively. (See Note 2). A comparison is also made between degrees conferred and graduates responding to their institutions' follow-up studies. Respondents represent 9%, 25%, 38%, 21%, and 43% of the <u>total</u> certificate, associate, bachelor, master, and doctoral degrees conferred, respectively. The response rate, as a percentage of the number reported having graduated by participating institutions, was: 29%, 58%, 66%, 54%, 54% for certificate, associate, bachelor, master, and doctoral degree levels, respectively. These latter figures were generally lower than last year's figures, indicating a drop in the number of students completing follow-up surveys at the participating institutions.

After completing their degrees, graduates could be working full-time, pursuing other educational goals, or still seeking employment. These three categories capture the majority of graduates as reported in Tables 2, 5, 8, 11 and 14. If these three columns (employed full-time, unemployed, and school) in any row do not total 100% (consider rounding error), the remaining graduates have been placed in an "other" category. The "other" group consists of foreign students who return to their home countries, individuals who are unemployed but not seeking work, and a few individuals who are working part-time. A

summary of these major tables reveals that more than 60% of all graduates were working and 8%-11% were unemployed. Depending on the degree level, pursuit of additional education varied from a high of 22% among associate's degree recipients to a low of 7% for Ph.D. recipients.

Degree	Percent Working Full-time	Percent Continuing Education	Percent Unemployed	Percent Other
Certificate	72%	9%	11%	8%
Associate's	63%	22%	8%	7%
Bachelor's	72%	12%	11%	5%
Master's	61%	17%	6%	11%
Doctoral	90%	2%	6%	3%

The number of graduates in full-time employment could vary widely between specific program areas. Considering programs with 50 or more graduates (10 for Ph.D. programs) and adjusting for programs where a larger percentage of students continued their education, high employment rates (above 75%) were reported in these areas:

Associate's: Accounting, general business, business administration, executive secretarial, legal secretarial, radiography medical technology, data processing, and nursing.

Bachelor's: Agricultural economics, automotive technology, dental hygiene, packaging, interior design, general business, accounting, business administration, material and logistics management and purchasing, institutional management, business economics, management information systems, business statistics, management science, marketing, trade and industrial management, office supervision and management, business marketing, auctioneering, hospitality and recreation marketing, communications, advertising, telecommunications, computer and information science, information sciences, special education (all fields), engineering, chemical engineering, electrical engineering, mechanical engineering, industrial technology, manufacturing technology, computer engineering, art therapy, occupational therapy, nursing, pharmacy, textiles and clothing retail, building and construction management, debate and forensics, chemistry, health and related activities, and law enforcement.

Master's: Business administration and management, labor/industrial relations, advertising, communications, education (general), curriculum and instruction, education administration, guidance and counseling, special education, elementary education, social studies education, engineering science, main engineering, audiology, psychology and secondary education.

Doctoral: Agricultural economics, agricultural science, wildlife management, curriculum and instruction, education administration, higher education administration, school psychology, adult and continuing education, agricultural engineering, electrical engineering, human medicine, optometry, osteopathic medicine, veterinary medicine, speech, debate and forensics, biochemistry and biophysics, botany, chemistry, physics, psychology, sociology, applied music.

Many programs had lower employment rates because large numbers of graduates have continued their education. Unemployment rates exceeded 10% in several programs found within each major curriculum area. Even in highly marketable fields, such as business and engineering, unemployment existed.

Full-time employment was further broken down into two categories, either employed in Michigan, or employed outside the state. For several institutions that did not designate where their graduates were working, their graduates have been included in a category, "location unkown." Approximately 75% of the bachelor's, master's and doctoral graduates remained in Michigan. Bachelor's recipients were more likely to accept jobs outside the state. The location of a large percentage of certificate and associate degree receipts was not known.

Degree	Percent Employed in Michigan	Percent Employed Outside Michigan	Not Known
Certificate	40%	4 %	46%
Associate's	58%	7 %	26%
Bachelor's	73%	24%	3%
Master's	76%	20%	4%
Doctoral	83%	17%	0%

Monthly and yearly average starting salaries for all majors are reported in Tables 3, 6, 9, 12, and 15 for the respective degrees. A summary of the major CIP codes is presented in the table below. Technical fields, especially engineering and engineering technologies,

computer science, business, health sciences, industrial arts and agricultural sciences, generally received the highest starting salaries across all degree levels. Because of the small number of salaries reported in some curriculum areas and differing levels of work experiences prior to receiving their degrees, particularly at the master's and doctoral levels, some care needs to be taken when generalizing from these figures. Similarly, caution should be taken in interpreting certificate salaries, as many of these recipients have a great deal of work experience before entering school. It should also be noted that salary figures have not been adjusted for less than full-time employment, start-up time for private consulting practices or businesses, or internships or short-term training programs required by some companies before being placed on full-time work status.

The figures presented in this report serve as useful references for discussions on the placement of college graduates from Michigan's colleges and universities. Absolute generalizations should not be drawn from these results. Several data limitations exist that may influence any interpretation. The number of respondents reporting salaries was often smaller than the total number of respondents; thus starting salaries may be biased, reflecting remuneration for only a small group of graduates. Also, several majors had very few individuals responding, fewer than five in some cases, which could skew the results for these majors. When using this report, the reader should carefully compare results for the curriculum area of interest in each table: for instance, compare number responding with numbers reporting salaries before drawing any conclusions.

Average starting salaries for major curriculum areas by degree level.

CIP	Curriculum Areas	Certificate $	Associate's $	Bachelor's $	Master's $	Doctoral $
1,2,3	Agribus/AgriSci/RenewNatRes	-	$15,018	$23,011	$26,579	$33,928
4	Architecture	-	-	$19,537	$24,333	-
5	Area and Ethnic Studies	-	-	$17,800	$23,996	-
6,7,8	Business/Office Marketing	$13,911	-	$21,218	$33,846	$46,071
9,10	Communications/Comm Technology	-	$24,912	$19,353	$27,084	$28,843
11	Computer Science	-	$16,344	$23,728	$34,687	-
13	Education	-	$11,418	$18,866	$27,568	$37,947
14,15	Engineering/Related Technology	$20,082	$18,285	$28,376	$35,198	$41,624
16	Foreign Language	-	$12,996	$18,979	$27,792	$25,648
17,18	Health Science	$15,213	$19,738	$23,929	$24,755	$25,031
19,20	Home Economics/Vocational	$13,958	$18,601	$18,275	$23,624	$31,740
21	Industrial Arts	-	-	$30,000	-	-
22	Law	-	-	$23,392	-	$58,000
23	Letters	-	-	$17,767	$20,832	$25,520
24	Liberal Studies	-	$20,655	$18,872	$23,591	-
25	Library and Archival Sciences	-	$25,992	-	$23,190	-
26	Life Sciences	-	-	$20,334	$23,664	$33,218
27	Mathematics	$28,512	$21,290	$20,265	$29,628	$26,710
30	Interdisciplinary Studies	-	-	$19,569	$28,150	$27,996
31	Parks and Recreation	-	-	$17,294	$21,996	$30,600
34	Health-Related Activities	-	-	$28,428	-	-
36	Leisure and Recreational Activities	-	-	$17,004	-	-
38,39	Philosophy, Religion and Theology	-	-	$22,051	-	-
40	Physical Sciences	-	-	$26,765	$31,140	$30,751
41	Science Technology	-	$18,798	-	-	-
42	Psychology	-	-	$17,045	$25,417	$35,537
43,44	Protective Services and Public Affairs	-	$16,070	$19,286	$26,331	-
45	Social Sciences	-	-	$19,535	$26,513	$31,689
47,48	Trade and Industrial Technology	$20,947	$18,855	$26,004	-	-
50	Visual and Performing Arts	-	$15,000	$18,177	$17,259	$27,548
	AVERAGES	$15,287	$17,460	$21,842	$28,940	$34,542

NOTES

1. Data contained in these follow-up reports vary from year to year depending on the mix of schools participating and the response rates each school obtain for their individual surveys. In some cases, an institution has several placement offices, all of which were not able to supply data to this report. From the University of Michigan, an institution with a decentralized placement function, the Engineering Placement and the Career Planning and Placement offices have provided data for this report. The latter office provides general career counseling to all students with the largest percentage from the School of Literature, Science and the Arts. Only students who use their services participate in the follow-up study. The figures supplied by these two offices from the University of Michigan only represent their clientele and may not be as representative of students from the entire University.

2. Throughout this report, curriculum areas are listed by their classification of instructional programs (CIP) code that brings together similar programs based upon program purpose and program category. For further discussion see the Michigan Postsecondary Admissions and Financial Assistance Handbook, Michigan State Board of Education, 1985, pp. 164-166.

Table 1

Certificate Degrees Conferred Compared to Graduates Reported and Responding by Participating Institutions for Major Curriculum Areas 1987-88

CIP	Curriculum Area	Total * Degrees Conferred Public	Total ** Number of Grads Reported	Percent of Conferred	Total ** Number of Grads Responding	Percent of Conferred	Percent of Reported
1	Agribusiness	3	3	100%	0	0%	0%
3	Renewable Resources	11	0	0%	0	0%	0%
4	Architecture	1	0	0%	0	0%	0%
6	Business and Management	247	92	37%	31	13%	34%
7	Business and Office	305	117	38%	44	14%	38%
8	Marketing and Distribution	66	45	68%	21	32%	47%
9	Communications	3	0	0%	0	0%	0%
10	Communications Technology	6	0	0%	0	0%	0%
11	Computer Science	41	8	20%	1	2%	13%
12	Consumer, Personal, Misc. Services	36	0	0%	0	0%	0%
13	Education	8	0	0%	0	0%	0%
15	Engineering Related Tech.	436	16	4%	7	2%	44%
16	Foreign Language	6	0	0%	0	0%	0%
17	Allied Health	629	210	33%	83	13%	40%
18	Health Sciences	112	55	49%	17	15%	31%
19	Home Economics	12	11	92%	6	50%	55%
20	Vocational Home Economics	109	43	39%	29	27%	67%
22	Law	6	5	83%	2	33%	40%
24	Liberal Studies	150	0	0%	0	0%	0%
27	Mathematics	7	5	71%	2	29%	40%
30	Interdisciplinary Studies	4	0	0%	0	0%	0%
31	Parks and Recreation	1	0	0%	0	0%	0%
40	Physical Sciences	1	2	>100%	0	0%	0%
41	Science Technology	5	0	0%	0	0%	0%
43	Protective Services	505	355	70%	40	8%	11%
44	Public Affairs	1	0	0%	0	0%	0%
46	Construction Trades	37	8	22%	4	11%	50%
47	Mechanics and Repairers	310	26	8%	7	2%	27%
48	Precision Production	205	57	28%	13	6%	23%
50	Visual and Performing Arts	11	1	9%	1	9%	100%
	Totals/Averages	3,274	1,059	32%	308	9%	29%

* Data from Michigan Department of Education
** Data from institutions responding to this survey

Table 2

Placement Results for 1987-88 Certificate Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	BUSINESS									
6.0201	Accounting	1	0	0%	0%	0%	0%	0%	100%	0%
6.0401	Finance	10	6	60%	0%	0%	100%	0%	40%	0%
6.1401	Business Admin. and Management	12	0	0%	0%	0%	0%	0%	0%	100%
6.1701	Real Estate	16	15	94%	0%	0%	100%	6%	0%	0%
6.9999	Business and Management, Other	3	3	100%	0%	0%	100%	0%	0%	0%
7.0102	Accounting and Computing	3	1	33%	100%	0%	0%	67%	0%	0%
7.0301	Business Data Processing	3	3	100%	0%	0%	100%	0%	0%	0%
7.0303	Business Data Entry Operation	4	4	100%	50%	0%	50%	0%	0%	0%
7.0401	Office Supervision and Management	1	1	100%	0%	0%	100%	0%	0%	0%
7.0601	Secretarial, General	2	1	50%	100%	0%	0%	50%	0%	0%
7.0604	Legal Secretarial	2	2	100%	100%	0%	0%	0%	0%	0%
7.0605	Medical Secretary	11	9	82%	100%	0%	0%	0%	18%	0%
7.0607	Stenography	2	2	100%	0%	0%	100%	0%	0%	0%
7.0608	Word Processing	17	14	82%	86%	0%	14%	6%	6%	6%
7.0702	Clerk-Typist	6	4	67%	75%	25%	0%	17%	0%	17%
7.0705	General Office Clerk	3	2	67%	0%	50%	50%	0%	0%	33%
7.0707	Receptionist and Community System	5	4	80%	75%	0%	25%	0%	20%	0%
7.0708	Shipping and Receiving Clerk	11	8	73%	13%	0%	88%	9%	18%	0%
8.0401	Financial Service Marketing	1	1	100%	0%	0%	100%	0%	0%	0%
8.1105	Travel Services Marketing	21	18	86%	56%	6%	39%	0%	0%	14%
	COMPUTER & INFORMATIONS SCIENCE									
11.0201	Computer Programming	1	1	100%	0%	0%	100%	0%	0%	0%
	ENGINEERING AND RELATED TECHNOLOGIES									
15.0201	Civil Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.0302	Electrical Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.0303	Electronic Technology	1	0	0%	0%	0%	0%	100%	0%	0%
15.0402	Computer Servicing Technology	3	3	100%	0%	0%	100%	0%	0%	0%
15.0610	Welding Technology	1	0	0%	0%	0%	0%	100%	0%	0%
	HEALTH									
17.0101	Dental Assisting	7	7	100%	0%	0%	100%	0%	0%	0%
17.0206	Occupation Safty and Health	1	1	100%	0%	0%	100%	0%	0%	0%
17.0209	Quality Control Technology	2	2	100%	0%	0%	100%	0%	0%	0%
17.0210	Respiratory Therapy Technology	2	2	100%	0%	0%	100%	0%	0%	0%
17.0211	Surgical Technology	5	5	100%	20%	0%	80%	0%	0%	0%
17.0310	Medical Technology	1	1	100%	100%	0%	0%	0%	0%	0%
17.0410	Mental Health/Human Services	4	4	100%	0%	0%	100%	0%	0%	0%
17.0503	Medical Assistant	6	6	100%	0%	0%	100%	0%	0%	0%
17.0602	Nursing Assistant	16	4	25%	100%	0%	0%	0%	19%	56%
17.9999	Allied Health, Other	37	11	30%	100%	0%	0%	19%	3%	49%
18.1101	Nursing, General	17	5	29%	100%	0%	0%	6%	59%	6%
	HOME ECONOMICS									
19.0705	Geriatric Services	6	3	50%	0%	0%	100%	33%	17%	0%
20.0102	Textiles and Clothing	9	5	56%	100%	0%	0%	22%	0%	22%
20.0201	Child Development	2	1	50%	0%	0%	100%	0%	50%	0%
20.0401	Food Production Management	2	1	50%	0%	100%	0%	50%	0%	0%
20.9999	Vocational Home Ecomomics	18	13	72%	46%	38%	15%	11%	11%	6%
	LAW									
22.0103	Legal Assisting	2	2	100%	0%	0%	100%	0%	0%	0%
	MATHEMATICS									
27.0501	Statistics	2	2	100%	100%	0%	0%	0%	0%	0%

Table 2

(Continued) Placement Results for Certificate Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES									
43.0102	Corrections	37	25	68%	0%	0%	100%	32%	0%	0%
	TRADE AND INDUSTRY									
46.9999	Construction Trades	5	1	20%	100%	0%	0%	40%	0%	40%
47.0603	Automotive Body Repair	2	2	100%	0%	0%	100%	0%	0%	0%
47.0604	Automotive Mechanic	5	2	40%	100%	0%	0%	0%	60%	0%
48.0101	Drafting	3	0	0%	0%	0%	0%	0%	33%	67%
48.0501	Precision Metal Working	1	1	100%	100%	0%	0%	0%	0%	0%
48.0503	Machine Tool Operation	4	3	75%	100%	0%	0%	0%	25%	0%
48.0507	Tool and Die Makers	5	5	100%	100%	0%	0%	0%	0%	0%
	VISUAL AND PERFORMING ARTS									
50.9999	Visual and Performing Arts, Other	1	1	100%	0%	0%	100%	0%	0%	0%
	TOTALS/AVERAGES	333	219	72%	40%	4%	46%	11%	9%	8%

Table 3

Average Starting Salaries for 1987-88 Certificate Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salery	Average Yearly Salery
	BUSINESS			
6.0401	Finance	6	$1,437	$17,244
6.1401	Business Administration and Management	1	$1,465	$17,580
7.0401	Office Supervision and Management	1	$833	$9,996
7.0601	Secretarial, General	1	$1,935	$23,220
7.0604	Legal Secretarial	2	$1,297	$15,560
7.0605	Medical Secretary	4	$1,017	$12,204
7.0608	Word Processing	9	$1,227	$14,721
7.0705	General Office Clerk	1	$833	$9,996
7.0707	Receptionist and Community System Operation	1	$1,040	$12,480
7.0708	Shipping, Receiving and Stock Clerk	1	$951	$11,412
8.1105	Travel Services Marketing	11	$970	$11,640
	TOTALS/AVERAGES	38	$1,159	$13,911
	ENGINEERING AND RELATED TECHNOLOGIES			
15.0201	Civil Technology	1	$951	$11,412
15.0302	Electrical Technology	1	$2,396	$28,753
	TOTALS/AVERAGES	2	$1,674	$20,082
	HEALTH			
17.0211	Surgical Technology	1	$1,730	$20,760
17.0310	Medical Technology	1	$1,472	$17,664
17.0602	Nursing Assistant	4	$1,183	$14,196
17.9999	Allied Health, Other	11	$1,220	$14,640
18.1101	Nursing, General	4	$1,317	$15,807
	TOTALS/AVERAGES	21	$1,268	$15,213
	HOME ECONOMICS			
20.0102	Textiles and Clothing	5	$1,763	$21,156
20.0401	Food Production, Management, and Services	1	$821	$9,852
20.9999	Vocational Home Ecomomics	9	$868	$10,416
	TOTALS/AVERAGES	15	$1,163	$13,958
	MATHEMATICS			
27.0501	Statistics	1	$2,376	$28,512
	TOTALS/AVERAGES	1	$2,376	$28,512
	TRADE AND INDUSTRY			
46.9999	Construction Trades	1	$2,253	$27,036
47.0604	Automotive Mechanic	2	$1,600	$19,200
48.0101	Drafting	1	$779	$9,342
48.0501	Precision Metal Working	1	$1,807	$21,684
48.0503	Machine Tool Operation	1	$952	$11,424
48.0507	Tool and Die Makers	3	$2,240	$26,880
	TOTALS/AVERAGES	9	$1,746	$20,947
	GRAND TOTALS/AVERAGES	86	$1,274	$15,287

Table 4

Associate's Degrees Conferred Compared to Graduates Reported and Responding by Participating Institutions for Major Curriculum Areas 1987-88

CIP	Curriculum Area	Total * Degrees Conferred Public	Total ** Number of Grads Reported	Percent of Conferred	Total ** Number of Grads Responding	Percent of Conferred	Percent of Reported
1	Agribusiness	3	6	>100%	0	0%	0%
2	Agricultural Sciences	0	12	>100%	5	>100%	42%
3	Renewable Nat. Resources	5	0	0%	0	0%	0%
4	Architecture	25	0	0%	0	0%	0%
6	Business and Management	1,571	669	43%	463	29%	69%
7	Business and Office	1,036	690	67%	376	36%	54%
8	Marketing and Distribution	196	114	58%	64	33%	56%
9	Communications	7	14	>100%	13	>100%	93%
10	Communications Technology	29	30	>100%	22	76%	73%
11	Computer Science	266	164	62%	48	18%	29%
12	Consumer, Personal, Misc. Services	25	1	4%	1	4%	100%
13	Education	203	23	11%	8	4%	35%
14	Engineering	61	15	25%	9	15%	60%
15	Engineering Related Tech.	1,160	769	66%	561	48%	73%
16	Foreign Language	1	1	100%	1	100%	100%
17	Allied Health	663	451	68%	302	46%	67%
18	Health Sciences	1,365	463	34%	251	18%	54%
19	Home Economics	13	3	23%	1	8%	33%
20	Vocational Home Economics	215	114	53%	92	43%	81%
21	Industrial Arts	1	8	>100%	2	>100%	25%
22	Law	96	1	1%	0	0%	0%
23	Letters	9	1	11%	0	0%	0%
24	Liberal Studies	4,158	1,279	31%	643	15%	50%
25	Library Sciences	0	29	>100%	14	>100%	48%
26	Life Sciences	24	2	8%	1	4%	50%
27	Mathematics	25	5	20%	2	8%	40%
30	Interdisciplinary Studies	78	43	55%	38	49%	88%
31	Parks & Recreation	14	0	0%	0	0%	0%
40	Physical Sciences	66	1	2%	1	2%	100%
41	Science Technology	20	11	55%	3	15%	27%
42	Psychology	31	2	6%	1	3%	50%
43	Protective Services	341	108	32%	41	12%	38%
44	Public Affairs	29	5	17%	6	21%	120%
45	Social Sciences	26	0	0%	0	0%	0%
46	Construction Trades	23	31	>100%	21	91%	68%
47	Mechanics & Repairers	228	97	43%	48	21%	49%
48	Precision Production	279	140	50%	82	29%	59%
49	Transportation and Material Moving	39	16	41%	7	18%	44%
50	Visual and Performing Arts	66	57	86%	12	18%	21%
	Totals/Averages	12,397	5,375	43%	3,139	25%	58%

* Data from Michigan Department of Education
** Data from institutions responding to this survey

Table 5

Placement Results for 1987-88 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	AGRICULTURAL STUDIES									
2.0404	Plant Science	7	5	71%	80%	20%	0%	0%	29%	0%
	BUSINESS									
6.0101	Business and Management, General	76	55	72%	31%	5%	64%	5%	23%	0%
6.0201	Accounting	107	107	100%	46%	0%	54%	2%	0%	0%
6.0301	Banking and Finance	1	1	100%	0%	0%	100%	0%	0%	0%
6.0401	Business Administration	142	99	70%	29%	5%	66%	8%	20%	3%
6.0701	Institutional Management	22	17	77%	0%	0%	100%	5%	9%	9%
6.0799	Institutional Management, Other	4	4	100%	100%	0%	0%	0%	0%	0%
6.1101	Labor/Industrial Relations	1	1	100%	0%	0%	100%	0%	0%	0%
6.1201	Management Infomation Systems	32	29	91%	100%	0%	0%	9%	0%	0%
6.1301	Business Statistics	16	11	69%	91%	9%	0%	6%	0%	25%
6.1401	Marketing Management	27	16	59%	88%	0%	12%	7%	33%	0%
6.1701	Real Estate	13	1	8%	100%	0%	0%	15%	62%	15%
6.1801	Small Business Management	6	3	50%	67%	33%	0%	50%	0%	0%
6.2001	Trade and Industrial Management	4	3	75%	67%	0%	33%	25%	0%	0%
6.9999	Business and Management, Other	36	26	72%	12%	0%	88%	22%	3%	3%
7.0101	Accounting and Bookkeeping	24	9	38%	100%	0%	0%	50%	8%	4%
7.0102	Accounting and Computing	12	11	92%	36%	18%	45%	0%	8%	0%
7.0199	Accounting, Other	11	9	82%	0%	0%	100%	18%	0%	0%
7.0201	Banking and Financial Programs	6	5	83%	20%	0%	80%	0%	17%	0%
7.0301	Business Data Processing, General	12	7	58%	100%	0%	0%	0%	33%	8%
7.0305	Business Data Programming	21	19	90%	0%	0%	100%	10%	0%	0%
7.0401	Office Supervision and Management	32	20	63%	40%	5%	55%	9%	28%	0%
7.0601	Secretarial and Related Programs	2	2	100%	100%	0%	0%	0%	0%	0%
7.0602	Court Reporting	12	11	92%	64%	0%	36%	8%	0%	0%
7.0603	Executive Secretarial	70	66	94%	62%	0%	38%	6%	0%	1%
7.0604	Legal Secretarial	50	50	100%	44%	10%	46%	0%	0%	0%
7.0605	Medical Secretary	38	23	61%	78%	0%	22%	16%	11%	13%
7.0606	Secretarial	3	3	100%	67%	33%	0%	0%	0%	0%
7.0608	Word Processing	33	33	100%	88%	0%	12%	0%	0%	0%
7.0699	Secretary and Related Programs	33	17	52%	94%	0%	6%	18%	30%	0%
7.0702	Clerk-Typist	4	2	50%	100%	0%	0%	0%	25%	25%
7.0705	General Office Clerk	4	4	100%	100%	0%	0%	0%	0%	0%
7.0799	Secretary Programs, Other	27	23	85%	96%	0%	4%	12%	4%	0%
7.9999	Business and Office Other	4	4	100%	0%	0%	100%	0%	0%	0%
8.0102	Fashion Merchandising	38	15	39%	40%	7%	53%	8%	50%	3%
8.0401	Financial Services Marketing	5	4	80%	0%	0%	100%	0%	20%	0%
8.0705	Retailing	16	16	100%	88%	0%	13%	0%	0%	0%
8.0706	Sales	1	1	100%	0%	0%	100%	0%	0%	0%
8.0707	Wholesaling	2	2	100%	0%	0%	100%	0%	0%	0%
8.1104	Tourism	12	9	75%	0%	0%	100%	25%	0%	0%
8.1105	Travel Service Marketing	1	1	100%	100%	0%	0%	0%	0%	0%
	COMMUNICATIONS									
9.0401	Journalism (Mass Communication)	13	1	8%	100%	0%	0%	8%	85%	0%
10.0101	Educational Media Technology	17	3	18%	67%	33%	0%	12%	71%	0%
10.0104	Radio/TV Production	2	1	50%	100%	0%	0%	50%	0%	0%
10.0199	Communication Technology, Other	3	2	67%	0%	0%	100%	0%	33%	0%
	COMPUTER & INFORMATION SCIENCE									
11.0101	Computer and Information Science	16	11	69%	64%	0%	36%	6%	19%	6%
11.0201	Computer Programming	15	12	80%	83%	8%	8%	7%	7%	6%
11.0301	Data Processing	83	62	75%	100%	0%	0%	0%	25%	0%
11.0401	Information Sciences	9	7	78%	100%	0%	0%	0%	11%	11%
11.0501	Systems Analysis	4	2	50%	100%	0%	0%	50%	0%	0%
11.9999	Computer/Information Science, Other	4	2	50%	100%	0%	0%	0%	50%	0%
	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES									
12.0403	Cosmetology	1	1	100%	100%	0%	0%	0%	0%	0%

Table 5

(Continued) Placement Results for Associate's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	EDUCATION									
13.0101	Education, General	8	0	0%	0%	0%	0%	0%	75%	25%
	ENGINEERING & RELATED TECHNOLOGIES									
14.0101	Engineering, General	9	5	56%	100%	0%	0%	0%	44%	0%
15.0101	Architectural Design Technology	41	22	54%	73%	14%	14%	5%	41%	2%
15.0201	Civil Technology	25	13	52%	100%	0%	0%	0%	48%	0%
15.0202	Drafting and Design Technology	65	37	57%	76%	5%	19%	22%	22%	0%
15.0203	Surveying and Mapping Technology	6	4	67%	0%	100%	0%	17%	17%	0%
15.0301	Computer Technology	7	5	71%	0%	0%	100%	14%	14%	0%
15.0302	Electrical Technology	17	14	82%	86%	0%	14%	0%	20%	0%
15.0303	Electronic Technology	69	27	39%	70%	7%	22%	13%	48%	0%
15.0399	Electronic Technology, Other	4	4	100%	50%	50%	0%	0%	0%	0%
15.0401	Biomedical Equipment Technology	1	1	100%	0%	0%	100%	0%	0%	0%
15.0403	Electromechanical Technology	7	5	71%	80%	0%	20%	29%	0%	0%
15.0501	Air Cond./Heat/Refrig. Technology	27	18	67%	67%	6%	28%	7%	26%	0%
15.0599	Environmental Control Tech. Other	1	1	100%	100%	0%	0%	0%	0%	0%
15.0603	Industrial Technology	24	15	63%	47%	7%	47%	0%	33%	4%
15.0604	Manufacturing Technology	5	5	100%	60%	20%	20%	0%	0%	0%
15.0607	Plastic Technology	11	3	27%	33%	67%	0%	0%	73%	0%
15.0610	Welding Technology	16	7	44%	100%	0%	0%	0%	56%	0%
15.0699	Industrial Production, Other	60	16	27%	81%	19%	0%	3%	62%	8%
15.0801	Aeronautical Technology	8	6	75%	0%	0%	100%	13%	13%	0%
15.0803	Automotive Technology	142	86	61%	86%	8%	6%	4%	34%	1%
15.0805	Mechanical Design Technology	17	5	29%	100%	0%	0%	6%	65%	0%
15.0899	Mechanical Engineering Technology	4	3	75%	100%	0%	0%	0%	0%	25%
15.9999	Engineering Technology Other	4	1	25%	100%	0%	0%	25%	50%	0%
	FOREIGN LANGUAGES									
16.0901	French	1	1	100%	0%	100%	0%	0%	0%	0%
	HEALTH									
17.0101	Dental Assistant	21	16	76%	81%	6%	13%	0%	24%	0%
17.0102	Dental Hygiene	58	48	83%	88%	4%	8%	3%	8%	5%
17.0103	Dental Laboratory Technology	22	14	64%	86%	14%	0%	9%	27%	0%
17.0201	Cardiopulmonary Technology	6	6	100%	83%	17%	0%	0%	0%	0%
17.0206	Emergency Medical, Paramedic	1	1	100%	0%	0%	100%	0%	0%	0%
17.0208	Necular Medical Technology	9	7	78%	86%	14%	0%	0%	22%	0%
17.0209	Radiograph Medical Technology	57	44	77%	75%	9%	16%	4%	18%	0%
17.0210	Respiratory Therapy Technology	36	30	83%	50%	13%	37%	3%	6%	8%
17.0211	Surgical Technology	4	3	75%	100%	0%	0%	25%	0%	0%
17.0212	Ultrasound Technology	4	4	100%	100%	0%	0%	0%	0%	0%
17.0299	Diagnostic and Treatment Services	4	3	75%	100%	0%	0%	0%	0%	25%
17.0305	Clinical Lab Science	2	1	50%	0%	100%	0%	0%	0%	50%
17.0309	Medical Laboratory Technology	8	5	63%	100%	0%	0%	13%	25%	0%
17.0310	Medical Technology	1	0	0%	0%	0%	0%	0%	0%	100%
17.0503	Medical Assisting	30	30	100%	63%	3%	33%	0%	0%	0%
17.0506	Medical Records Technology	20	17	85%	94%	6%	0%	10%	5%	0%
17.0599	Allied Health Services	2	1	50%	100%	0%	0%	0%	50%	0%
17.0701	Ophthalmic Dispensing	11	7	64%	86%	14%	0%	0%	36%	0%
17.0705	Ophthalmic Technology	6	4	67%	75%	25%	0%	17%	17%	0%
17.0815	Physical Therapy Assisting	6	4	67%	75%	0%	25%	0%	0%	33%
18.0101	Audiology	1	1	100%	100%	0%	0%	0%	0%	0%
18.1101	Nursing, General	250	206	82%	65%	1%	34%	2%	5%	10%
	HOME ECONOMICS									
19.0503	Dietetics/Human Nutrition	1	0	0%	0%	0%	0%	0%	100%	0%
20.0102	Child Development	17	4	24%	100%	0%	0%	0%	57%	18%
20.0103	Clothing and Textiles	24	6	25%	100%	0%	0%	13%	63%	0%
20.0201	Child Care and Guidance Management	4	0	0%	0%	0%	0%	0%	75%	25%
20.0202	Consumer Education	3	3	100%	33%	0%	67%	0%	0%	0%
20.0308	Wedding Specialty/Consulting	10	8	80%	13%	75%	13%	10%	10%	0%
20.0406	Food Services	34	5	15%	60%	40%	0%	9%	74%	3%

Table 5

(Continued) Placement Results for Associate's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	INDUSTRIAL ARTS									
21.0102	Construction	1	0	0%	0%	0%	0%	0%	100%	0%
21.0104	Electricity/Electronics	1	0	0%	0%	0%	0%	100%	0%	0%
	LIBERAL/GENERAL STUDIES									
24.0101	Liberal/General Studies	643	190	30%	71%	4%	26%	7%	47%	16%
	LIBRARY AND ARCHIVAL STUDIES									
25.0101	Library and Archival Science	14	1	7%	100%	0%	0%	0%	92%	0%
	LIFE SCIENCES									
26.0101	Biology, General	1	0	0%	0%	0%	0%	0%	100%	0%
	MATHEMATICS									
27.0501	Statistics	2	2	100%	100%	0%	0%	0%	0%	0%
	PHYSICAL SCIENCES									
30.0101	Biological and Physical Science	38	5	13%	100%	0%	0%	0%	87%	0%
40.0101	Physical Science, General	1	0	0%	0%	0%	0%	0%	0%	100%
41.0301	Chemical Technology	3	1	33%	100%	0%	0%	0%	33%	33%
	PSYCHOLOGY									
42.0101	Psychology, General	1	0	0%	0%	0%	0%	0%	100%	0%
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES									
43.0102	Corrections	2	1	50%	100%	0%	0%	0%	50%	0%
43.0103	Criminal Justice Administration	3	2	67%	0%	0%	100%	0%	33%	0%
43.0105	Criminalistics	19	7	37%	100%	0%	0%	42%	16%	21%
43.0107	Law Enforcement	8	4	50%	100%	0%	0%	0%	25%	25%
43.0108	Law Enforcement Administration	5	4	80%	100%	0%	0%	0%	20%	0%
43.0201	Fire Control and Safty Technology	4	4	100%	0%	0%	100%	0%	0%	0%
44.0701	Social Work, General	6	3	50%	67%	0%	33%	17%	33%	0%
	TRADE AND INDUSTRIAL									
46.0201	Carpentry	9	7	78%	71%	14%	14%	11%	0%	11%
46.0401	Building Maintenance	2	2	100%	0%	0%	100%	0%	0%	0%
46.9999	Construction Trades	10	8	80%	88%	0%	13%	10%	0%	10%
47.0201	Heating/Air Condition/Refrigeration	17	15	88%	93%	0%	7%	0%	6%	6%
47.0301	Industrial Equipment Maintenance	2	2	100%	0%	0%	100%	0%	0%	0%
47.0302	Heavy Equipment Maintenance	11	5	45%	100%	0%	0%	9%	45%	0%
47.0603	Automotive Body Repair	1	1	100%	100%	0%	0%	0%	0%	0%
47.0604	Automotive Mechanic	9	9	100%	56%	0%	44%	0%	0%	0%
47.0605	Diesel Engine Mechanics	1	0	0%	0%	0%	0%	0%	100%	0%
47.0606	Small Engine Mechanics	7	7	100%	0%	0%	100%	0%	0%	0%
48.0101	Drafting	7	3	43%	100%	0%	0%	14%	14%	29%
48.0105	Mechanical Drafting	19	15	79%	100%	0%	0%	11%	11%	0%
48.0203	Commercial Art	23	3	13%	67%	33%	0%	9%	78%	0%
48.0204	Commercial Photography	2	2	100%	0%	0%	100%	0%	0%	0%
48.0402	Meatcutting	2	2	100%	100%	0%	0%	0%	0%	0%
48.0502	Foundry Work	2	1	50%	0%	0%	100%	0%	50%	0%
48.0503	Machine Tool Operation	24	16	67%	38%	13%	50%	4%	29%	0%
48.0508	Welding Brazing, and Soldering	12	10	83%	50%	10%	40%	8%	8%	0%
48.0604	Plastics	3	0	0%	0%	0%	0%	0%	100%	0%
48.9999	Precision Production	7	6	86%	83%	0%	17%	15%	0%	0%
49.0102	Airplane Piloting and Navigation	6	4	67%	0%	0%	100%	17%	17%	0%
49.0104	Aviation Management	1	0	0%	0%	0%	0%	0%	0%	100%

Table 5

(Continued) Placement Results for Associate's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	VISUAL AND PERFORMING ARTS									
50.0401	Design, General	4	2	50%	50%	50%	0%	0%	25%	25%
50.0701	Fine Arts, General	2	0	0%	0%	0%	0%	0%	100%	0%
50.0901	Music, General	1	0	0%	0%	0%	0%	100%	0%	0%
50.9999	Visual and Performing Arts, Other	5	4	80%	0%	0%	100%	20%	0%	0%
	TOTALS/AVERAGES	3,306	1,978	63%	58%	7%	26%	8%	22%	7%

Table 6

Average Starting Salaries for 1987-88 Associate's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	BUSINESS			
6.0101	Business and Management, General	48	$1,352	$16,220
6.0201	Accounting	92	$1,134	$13,608
6.0301	Banking and Finance	1	$1,307	$15,683
6.0401	Business Administration	85	$1,357	$16,282
6.0701	Institutional Management	14	$915	$10,980
6.0799	Institutional Management, Other	4	$1,407	$16,884
6.1201	Management Infomation Systems	26	$1,596	$19,154
6.1301	Business Statistics	6	$968	$11,613
6.1401	Marketing Management	13	$1,646	$19,747
6.1801	Small Business Management	3	$1,116	$13,392
6.2001	Trade and Industry Management	2	$1,687	$20,244
6.9999	Business and Management, Other	2	$865	$10,380
7.0101	Accounting and Bookkeeping	9	$1,368	$16,418
7.0102	Accounting and Computing, General	7	$1,479	$17,744
7.0201	Banking and Financial Programs	1	$1,330	$15,960
7.0301	Business Data Processing	5	$1,956	$23,474
7.0401	Office Supervision and Management	19	$1,218	$14,616
7.0603	Executive Secretarial	40	$1,150	$13,799
7.0604	Legal Secretarial	35	$1,288	$15,452
7.0605	Medical Secretary	20	$1,095	$13,146
7.0606	Secretarial	3	$1,211	$14,532
7.0608	Word Processing	18	$1,096	$13,151
7.0699	Secretary and Related Programs	9	$1,192	$14,304
7.0702	Clerk-Typist	1	$1,000	$12,000
7.9999	Business and Office Other	22	$1,090	$13,080
8.0102	Fashion Merchandising	7	$902	$10,827
8.0705	Retailing	9	$1,115	$13,375
8.1105	Travel Service Marketing	1	$1,500	$18,000
	TOTALS/AVERAGES	502	$1,251	$15,018
	COMMUNICATIONS			
10.0104	Radio/TV Production	1	$2,076	$24,912
	TOTALS/AVERAGES	1	$2,076	$24,912
	COMPUTER AND INFORMATION SCIENCE			
11.0101	Computer and Information Science	11	$1,144	$13,732
11.0201	Computer Programming	11	$1,792	$21,499
11.0401	Information Sciences	4	$1,200	$14,404
11.0501	Systems Analysis	2	$1,168	$14,016
11.9999	Computer and Information Science, Other	4	$1,038	$12,456
	TOTALS/AVERAGES	32	$1,362	$16,344
	EDUCATION			
13.0101	Education, General	1	$952	$11,418
	TOTALS/AVERAGES	1	$952	$11,418
	ENGINEERING AND RELATED TECHNOLOGIES			
15.0101	Architectural Design Technology	15	$1,889	$22,666
15.0202	Drafting and Design Technology	20	$1,373	$16,479
15.0302	Electrical Technology	8	$1,817	$21,803
15.0303	Electronic Technology	21	$1,615	$19,382
15.0401	Biomedical Equipment Technology	1	$2,208	$26,500
15.0403	Electromechanical Technology	4	$1,212	$14,544
15.0501	Air Conditioning, Heating, and Refrigeration	6	$1,397	$16,764
15.0599	Environmental Control Technology, Other	1	$1,760	$21,120
15.0603	Industrial Technology	10	$1,922	$23,066
15.0604	Manufacturing Technology	4	$2,297	$27,564
15.0610	Welding Technology	3	$1,728	$20,736

Table 6

(Continued) Average Starting Salaries for Associate's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	ENGINEERING AND RELATED TECHNOLOGIES (Cont.)			
15.0699	Industrial Production, Other	11	$1,287	$15,446
15.0801	Aeronautical Technology	3	$1,170	$14,040
15.0803	Automotive Technology	33	$1,281	$15,376
15.0805	Mechanical Design Technology	3	$1,154	$13,848
15.0899	Mech Engr Technology	3	$1,587	$19,044
15.9999	Engineering Technology Other	1	$779	$9,342
	TOTALS/AVERAGES	147	$1,524	$18,285
	FOREIGN LANGUAGES			
16.0901	French	1	$1,083	$12,996
	TOTALS/AVERAGES	1	$1,083	$12,996
	HEALTH			
17.0101	Dental Assistant	12	$1,192	$14,303
17.0102	Dental Hygiene	19	$1,718	$20,621
17.0103	Dental Laboratory Technology	7	$962	$11,544
17.0201	Cardiopulmonary Technology	6	$1,666	$19,992
17.0209	Radiograph Medical Technology	12	$1,557	$18,684
17.0210	Respiratory Therapy Technology	14	$1,871	$22,453
17.0211	Surgical Technology	3	$1,183	$14,196
17.0212	Ultrasound Technology	4	$1,927	$23,124
17.0299	Diagnostic and Treatment Services	4	$1,434	$17,203
17.0305	Clinical Lab Science	1	$1,292	$15,500
17.0503	Medical Assisting	28	$1,044	$12,526
17.0506	Medical Records Technology	6	$1,174	$14,093
17.0599	Allied Health Services	1	$2,287	$27,445
17.0815	Physical Therapy Assisting	4	$1,730	$20,760
18.1101	Nursing, General	153	$1,819	$21,832
	TOTALS/AVERAGES	274	$1,645	$19,738
	HOME ECONOMICS			
20.0102	Child Development	2	$1,000	$12,000
20.0202	Consumer Education	1	$951	$11,412
20.0308	Wedding Specialty/Consulting	2	$1,333	$16,000
20.0406	Food Services	3	$2,261	$27,132
	TOTALS/AVERAGES	8	$1,550	$18,601
	LIBERAL/GENERAL STUDIES			
24.0101	Liberal/General Studies	144	$1,721	$20,655
	TOTALS/AVERAGES	144	$1,721	$20,655
	LIBRARY AND ARCHIVAL SCIENCES			
25.0101	Library and Archival Science	1	$2,166	$25,992
	TOTALS/AVERAGES	1	$2,166	$25,992
	MATHEMATICS			
27.0501	Statistics	2	$1,774	$21,290
	TOTALS/AVERAGES	2	$1,774	$21,290

Table 6

(Continued) Average Starting Salaries for Associate's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	PHYSICAL SCIENCE			
41.0301	Chemical Technology	2	$1,567	$18,798
	TOTALS/AVERAGES	2	$1,567	$18,798
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES			
43.0102	Corrections	1	$1,488	$17,856
43.0105	Criminalistics	7	$1,229	$14,748
43.0107	Law Enforcement	4	$1,118	$13,416
43.0108	Law Enforcement Administration	4	$1,769	$21,228
44.0701	Social Work, General	2	$1,233	$14,796
	TOTALS/AVERAGES	18	$1,339	$16,070
	TRADE AND INDUSTRIAL			
46.9999	Construction Trades	7	$1,495	$17,940
47.0201	Heating, Air Conditioning, and Refrigeration	1	$1,250	$15,000
47.0604	Automotive Mechanic	3	$1,329	$15,948
48.0101	Drafting	3	$1,182	$14,186
48.0105	Mechanical Drafting	9	$1,308	$15,692
48.0402	Meatcutting	2	$917	$11,000
48.0502	Foundry Work	1	$3,858	$46,300
48.0503	Machine Tool Operation	9	$1,662	$19,950
48.9999	Precision Production	6	$2,220	$26,640
49.0104	Aviation Management	1	$1,000	$12,000
	TOTALS/AVERAGES	42	$1,571	$18,855
	VISUAL AND PERFORMING ARTS			
50.0401	Design, General	1	$1,250	$15,000
	TOTALS/AVERAGES	1	$1,250	$15,000
	GRAND TOTALS/AVERAGES	1,176	$1,455	$17,460

Table 7

Bachelor's Degrees Conferred Compared to Graduates Reported and Responding by Participating Institutions for Major Curriculum Areas 1987-88

CIP	Curriculum Area	Degrees Conferred Public	Degrees Conferred Private	Total * Number of Degrees Conferred	Total ** Number of Grads Reported	Percent of Conferred	Total ** Number of Grads Responding	Percent of Conferred	Percent of Reported
1	Agribusiness	313	0	313	646	>100%	432	>100%	67%
2	Agricultural Sciences	161	3	164	186	>100%	142	87%	76%
3	Renewable Natural Resources	160	5	165	201	>100%	138	84%	69%
4	Architecture	113	163	276	141	51%	97	35%	69%
5	Area And Ethnic Studies	75	1	76	14	18%	14	18%	100%
6	Business and Management	5,980	2,835	8,815	5,063	57%	3,558	40%	70%
7	Business and Office	142	427	569	136	24%	87	15%	64%
8	Marketing and Distribution	441	32	473	701	>100%	452	96%	64%
9	Communications	2,070	190	2,260	1,707	76%	916	41%	54%
10	Communications Technology	124	5	129	111	86%	7	5%	6%
11	Computer Science	1,044	229	1,273	741	58%	526	41%	71%
12	Consumer, Personal, Misc. Services	58	7	65	12	18%	2	3%	17%
13	Education	2,286	394	2,680	1,881	70%	1,283	48%	68%
14	Engineering	2,937	1,098	4,035	2,738	68%	1,920	48%	70%
15	Engineering Related Technology	733	61	794	573	72%	347	44%	61%
16	Foreign Language	331	105	436	218	50%	148	34%	68%
17	Allied Health	631	168	799	435	54%	248	31%	57%
18	Health Sciences	2,490	568	3,058	1,262	41%	694	23%	55%
19	Home Economics	593	66	659	451	68%	290	44%	64%
20	Vocational Home Economics	75	38	113	71	63%	41	36%	58%
21	Industrial Arts	45	0	45	93	>100%	53	>100%	57%
22	Law	609	684	1,293	95	7%	35	3%	37%
23	Letters	1,279	580	1,859	782	42%	617	33%	79%
24	Liberal Studies	580	50	630	146	23%	103	16%	71%
25	Library Sciences	15	0	15	3	20%	0	0%	0%
26	Life Sciences	1,057	361	1,418	801	56%	540	38%	67%
27	Mathematics	399	124	523	322	62%	238	46%	74%
30	Interdisciplinary Studies	477	80	557	369	66%	223	40%	60%
31	Parks and Recreation	133	0	133	159	120%	80	60%	50%
34	Health Related Activities	101	0	101	84	83%	54	53%	64%
36	Leisure/Recreational Activities	27	2	29	3	10%	3	10%	100%
38	Philosophy and Religion	101	83	184	46	25%	40	22%	87%
39	Theology	0	319	319	64	20%	51	16%	80%
40	Physical Sciences	499	164	663	472	71%	294	44%	62%
41	Science Technology	0	0	0	3	>100%	3	>100%	100%
42	Psychology	1,411	304	1,715	862	50%	529	31%	61%
43	Protective Services	628	57	685	599	87%	328	48%	55%
44	Public Affairs	620	89	709	475	67%	349	49%	73%
45	Social Sciences	2,456	486	2,942	1,428	49%	961	33%	67%
46	Construction Trades	21	2	23	0	0%	0	0%	0%
47	Mechanics and Repairers	59	4	63	0	0%	0	0%	0%
48	Precision Production	54	7	61	15	25%	10	16%	67%
49	Transportation and Material Moving	128	5	133	0	0%	0	0%	0%
50	Visual and Performing Arts	938	402	1,340	585	44%	337	25%	58%
	TOTALS AND AVERAGES	32,394	10,198	42,592	24,694	58%	16,190	38%	66%

* Data from Michigan Department of Education
** Data from institutions responding to this survey

Table 8

Placement Results for 1987-88 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	AGRICULTURAL STUDIES									
1.0101	Agricultural Business Management	1	1	100%	100%	0%	0%	0%	0%	0%
1.0103	Agricultural Economics	51	42	82%	69%	31%	0%	14%	4%	0%
1.0601	Horticulture	28	25	89%	88%	12%	0%	7%	4%	0%
1.9999	Packaging	133	108	81%	80%	20%	0%	14%	4%	1%
1.9999	Agricultural Production, Other	3	3	100%	100%	0%	0%	0%	0%	0%
2.0201	Agricultural Science	37	27	73%	89%	11%	0%	5%	22%	0%
2.0301	Food Sciences	19	12	63%	83%	17%	0%	11%	26%	0%
2.0501	Soil Sciences	15	13	87%	100%	0%	0%	0%	13%	0%
3.0101	Resource Development	16	8	50%	100%	0%	0%	19%	19%	13%
3.0201	Conservation and Regulation	1	0	0%	0%	0%	0%	100%	0%	0%
3.0302	Fisheries	4	2	50%	100%	0%	0%	0%	50%	0%
3.0501	Soil Sciences	31	22	71%	91%	9%	0%	10%	19%	0%
3.0601	Wildlife Management	28	14	50%	100%	0%	0%	14%	36%	0%
	ARCHITECTURE AND ENVIRONMENTAL DESIGN									
4.0201	Architecture	29	20	69%	65%	35%	0%	7%	3%	20%
4.0301	Land Use Analysis	9	6	67%	100%	0%	0%	11%	22%	0%
4.0501	Interior Design	30	22	73%	77%	23%	0%	17%	10%	0%
4.0601	Landscape Architecture	34	28	82%	89%	11%	0%	12%	6%	0%
	AREA AND ETHNIC STUDIES									
5.0101	African Studies	12	5	42%	0%	100%	0%	8%	42%	8%
	BUSINESS									
6.0101	General Business	107	97	91%	79%	20%	1%	7%	3%	0%
6.0201	Accounting	806	710	88%	85%	10%	5%	7%	3%	3%
6.0301	Banking and Finance	473	359	76%	85%	11%	3%	14%	4%	7%
6.0401	Business Admin. and Management	846	667	79%	67%	21%	12%	13%	7%	2%
6.0402	Material Management and Purchasing	101	90	89%	81%	19%	0%	9%	2%	0%
6.0404	Systems Efficiency Analysis	7	5	71%	80%	20%	0%	29%	0%	0%
6.0499	Business Admin./Management, Other	23	20	87%	85%	10%	5%	9%	4%	0%
6.0501	Business Economics	122	102	84%	68%	32%	0%	10%	6%	2%
6.0601	Human Resource Development	17	11	65%	91%	9%	0%	18%	18%	0%
6.0701	Institutional Management	98	88	90%	38%	61%	1%	8%	2%	0%
6.0702	Recreational Enterprise Management	5	5	100%	60%	40%	0%	0%	0%	60%
6.0705	Transportation Management	15	14	93%	93%	7%	0%	0%	7%	0%
6.0801	Insurance and Risk Management	12	9	75%	100%	0%	0%	25%	0%	0%
6.0901	International Business Management	20	13	65%	77%	23%	0%	15%	15%	5%
6.1101	Labor/Industrial Relations	2	2	100%	50%	50%	0%	0%	0%	0%
6.1201	Management Infomation Systems	93	81	87%	79%	20%	1%	8%	1%	5%
6.1302	Business Statistics	47	42	89%	88%	12%	0%	9%	2%	0%
6.1399	Management Science	53	47	89%	85%	11%	4%	9%	2%	0%
6.1401	Marketing Management	426	360	85%	78%	14%	8%	9%	2%	4%
6.1499	Marketing Management Research, Oth	5	5	100%	60%	40%	0%	0%	0%	0%
6.1601	Personnel Management	42	34	81%	97%	3%	0%	14%	2%	2%
6.1801	Small Business Management	7	6	86%	83%	17%	0%	14%	0%	0%
6.2001	Trade and Industry Management	127	115	91%	77%	22%	1%	6%	3%	0%
6.9999	Business and Management, Other	26	15	58%	20%	80%	0%	8%	31%	4%
7.0101	Accounting and Bookkeeping	1	1	100%	0%	100%	0%	0%	0%	0%
7.0102	Accounting and Computing	12	10	83%	100%	0%	0%	17%	0%	0%
7.0399	Business Data Processing, Other	10	8	80%	50%	50%	0%	20%	0%	0%
7.0401	Office Supervision and Management	49	42	86%	86%	14%	0%	2%	2%	10%
7.0601	Secretarial, General	6	5	83%	100%	0%	0%	17%	0%	0%
7.0602	Court Reporting	1	1	100%	100%	0%	0%	0%	0%	0%
7.0603	Executive Secretarial	3	2	67%	100%	0%	0%	33%	0%	0%
7.0604	Legal Secretarial	2	2	100%	0%	0%	0%	0%	0%	0%
7.0701	Typing and General Office	2	2	100%	100%	0%	0%	0%	0%	0%
7.9999	Business and Office, Other	1	1	100%	100%	0%	0%	0%	0%	0%
8.0102	Fashion Merchandising	37	33	89%	51%	49%	0%	9%	0%	0%
8.0201	Business Marketing	153	125	82%	75%	25%	0%	11%	7%	0%
8.0601	Food Marketing	31	30	97%	50%	43%	7%	3%	0%	0%
8.0701	Auctioneering	51	46	90%	63%	37%	0%	6%	0%	4%
8.0702	Industrial Sales	10	10	100%	70%	30%	0%	0%	0%	0%
8.0703	Industrial Marketing	17	12	71%	92%	0%	8%	6%	6%	18%

Table 8

(Continued) Placement Results for Bachelor's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	BUSINESS (Cont.)									
8.0705	Retailing	11	10	91%	90%	10%	0%	9%	0%	0%
8.0706	Sales	40	34	85%	74%	26%	0%	13%	3%	0%
8.0901	Hospitality/Recreational Marketing	18	17	94%	59%	41%	0%	6%	0%	0%
8.0903	Marketing of Recreation Services	30	30	100%	70%	30%	0%	0%	0%	0%
8.0999	Hospitality and Recreation, Other	36	35	97%	69%	26%	6%	0%	3%	0%
8.1101	Transportation Marketing	7	4	57%	50%	25%	25%	29%	0%	14%
8.1104	Tourism	12	9	75%	44%	56%	0%	8%	8%	8%
8.1201	Vehicles and Petroleum Marketing	3	2	67%	50%	50%	0%	0%	0%	33%
	COMMUNICATIONS									
9.0101	Communications	435	303	70%	72%	27%	1%	19%	9%	3%
9.0201	Advertising	249	181	73%	76%	24%	1%	26%	4%	0%
9.0401	Journalism	89	73	82%	67%	29%	4%	13%	4%	0%
9.0501	Public Relations	9	9	100%	78%	11%	11%	0%	0%	0%
9.0701	Telecommunications	134	106	79%	79%	21%	0%	14%	5%	1%
10.0104	Radio/TV Production	41	33	80%	79%	21%	0%	10%	0%	8%
10.0199	Communication Technology, Other	31	17	55%	71%	29%	0%	29%	16%	0%
	COMPUTER AND INFORMATION SCIENCE									
11.0101	Computer and Information Science	324	230	71%	73%	23%	3%	12%	11%	7%
11.0301	Data Processing	13	12	92%	67%	25%	8%	8%	0%	0%
11.0401	Information Sciences	93	77	83%	87%	10%	3%	8%	2%	8%
11.0501	Systems Analysis	6	4	67%	100%	0%	0%	33%	0%	0%
11.9999	Comp/Information Science, Other	90	72	80%	72%	28%	0%	18%	2%	0%
	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES									
12.0403	Cosmetology	2	0	0%	0%	0%	0%	50%	50%	0%
	EDUCATION									
13.0101	Education, General	22	19	86%	58%	42%	0%	14%	0%	0%
13.0201	Bilingual/Bicultural Education	5	5	100%	80%	20%	0%	0%	0%	0%
13.0202	Special Education	12	6	50%	100%	0%	0%	25%	25%	0%
13.1001	Education of the Deaf	90	82	91%	90%	10%	0%	6%	6%	0%
13.1003	Educ. of Emotionally Handicapped	11	5	45%	80%	20%	0%	9%	9%	36%
13.1005	Education of Mentally Handicapped	40	33	83%	91%	9%	0%	10%	5%	3%
13.1006	Education, Physically Handicapped	42	27	64%	81%	11%	7%	12%	12%	14%
13.1008	Education of Visually Handicapped	15	12	80%	67%	25%	8%	7%	7%	7%
13.1009	Speech Correction	10	9	90%	67%	33%	0%	10%	0%	0%
13.1202	Elementary Education	575	363	63%	77%	21%	2%	21%	11%	7%
13.1204	Pre-Elementary Education	23	15	65%	87%	13%	0%	9%	13%	13%
13.1301	Agricultural Education	2	1	50%	100%	0%	0%	50%	0%	0%
13.1302	Art Education	25	6	24%	50%	33%	17%	8%	28%	40%
13.1303	Business Education	27	17	63%	76%	24%	0%	11%	11%	15%
13.1305	English Education	21	10	48%	90%	10%	0%	14%	14%	25%
13.1306	Spanish Teaching	8	2	25%	100%	0%	0%	25%	13%	38%
13.1307	Health Education	18	11	61%	55%	36%	9%	28%	11%	0%
13.1308	Home Economics Education	12	8	67%	88%	13%	0%	17%	17%	0%
13.1309	Industrial Arts Education	25	21	84%	81%	0%	19%	0%	4%	12%
13.1311	Mathematics Education	27	8	30%	63%	25%	13%	30%	11%	30%
13.1312	Music Education	48	30	63%	90%	10%	0%	13%	10%	15%
13.1314	Physical Education	131	93	71%	75%	20%	4%	12%	9%	7%
13.1316	Science Education	25	15	60%	87%	13%	0%	8%	8%	24%
13.1317	Social Science Education	65	34	52%	88%	9%	3%	15%	18%	15%
13.1399	Trade and Industrial Education	4	2	50%	100%	0%	0%	25%	25%	0%
	ENGINEERING AND RELATED TECHNOLOGIES									
14.0101	Engineering	149	116	78%	86%	14%	0%	3%	12%	7%
14.0201	Aerospace Engineering	84	55	65%	18%	82%	0%	6%	21%	7%
14.0301	Agricultural Engineering	10	6	60%	100%	0%	0%	20%	20%	0%
14.0501	Biomedical Engineering	2	1	50%	0%	100%	0%	0%	50%	0%

Table 8

(Continued) Placement Results for Bachelor's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	ENGINEERING AND RELATED TECHNOLOGIES (Cont.)									
14.0701	Chemical Engineering	79	55	70%	56%	44%	0%	18%	9%	3%
14.0801	Civil Engineering	118	81	69%	57%	43%	0%	10%	14%	7%
14.0901	Computer Engineering	253	239	94%	56%	43%	1%	4%	2%	1%
14.1001	Electrical Engineering	492	354	72%	56%	44%	0%	12%	15%	3%
14.1101	Mechanics Engineering	4	2	50%	50%	50%	0%	0%	50%	0%
14.1301	Engineering Science	9	3	33%	67%	33%	0%	11%	56%	0%
14.1401	Environmental Health Engineering	8	7	88%	86%	14%	0%	0%	13%	0%
14.1501	Geological Engineering	6	3	50%	33%	67%	0%	17%	33%	0%
14.1701	Industrial Engineering	84	59	70%	58%	42%	0%	14%	10%	6%
14.1801	Materials Engineering	11	7	64%	57%	43%	0%	9%	27%	0%
14.1901	Mechanical Engineering	535	413	77%	65%	34%	1%	11%	11%	2%
14.2001	Metallurgical Engineering	29	22	76%	77%	23%	0%	7%	17%	0%
14.2101	Mining and Mineral Eng.	3	2	67%	0%	100%	0%	33%	0%	0%
14.2201	Naval Architecture/Marine Engineer	3	2	67%	50%	50%	0%	33%	0%	0%
14.2301	Nuclear Engineering	10	4	40%	0%	100%	0%	30%	20%	10%
14.2701	Systems Science	3	1	33%	0%	100%	0%	0%	67%	0%
14.9999	Engineering, Other	28	24	86%	38%	63%	0%	0%	11%	4%
15.0101	Architectural Design Technology	7	6	86%	83%	17%	0%	0%	14%	0%
15.0201	Civil Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.0203	Surveying & Mapping Technology	8	8	100%	50%	50%	0%	0%	0%	0%
15.0301	Computer Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.0303	Electronic Technology	29	24	83%	83%	17%	0%	7%	3%	7%
15.0399	Electrical Technology	25	22	88%	27%	64%	9%	0%	8%	4%
15.0503	Energy Management Technology	11	11	100%	100%	0%	0%	0%	0%	0%
15.0504	Sanitation Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.0599	Environmental Control Technology	23	20	87%	85%	15%	0%	9%	4%	0%
15.0601	Chemical Manuf. Technology	6	6	100%	83%	17%	0%	0%	0%	0%
15.0603	Industrial Technology	53	46	87%	80%	17%	2%	8%	4%	2%
15.0604	Manufacturing Technology	52	47	90%	83%	13%	4%	6%	2%	2%
15.0607	Plastic Technology	26	25	96%	52%	48%	0%	0%	4%	0%
15.0610	Welding Technology	8	8	100%	75%	25%	0%	0%	0%	0%
15.0699	Industrial Production Other	19	19	100%	74%	26%	0%	0%	0%	0%
15.0701	Occupation Safty and Health	3	3	100%	100%	0%	0%	0%	0%	0%
15.0801	Aeronautical Technology	41	32	78%	59%	28%	13%	20%	0%	2%
15.0805	Mechanical Design Technology	31	27	87%	81%	15%	4%	6%	6%	0%
15.0899	Mechanical Engineering Technology	1	1	100%	100%	0%	0%	0%	0%	0%
15.1001	Engineering Technology, Other	1	1	100%	100%	0%	0%	0%	0%	0%
	FOREIGN LANGUAGES									
16.0101	Foreign Languages, Multiple	1	0	0%	0%	0%	0%	100%	0%	0%
16.0301	Chinese	4	2	50%	100%	0%	0%	25%	25%	0%
16.0401	Baltic Languages	1	0	0%	0%	0%	0%	0%	100%	100%
16.0402	Russian	6	2	33%	100%	0%	0%	33%	33%	0%
16.0501	German	36	19	53%	63%	32%	5%	8%	39%	0%
16.0601	Greek	3	1	33%	100%	0%	0%	0%	67%	0%
16.0901	French	63	40	63%	68%	25%	8%	6%	19%	13%
16.0902	Italian	1	1	100%	0%	100%	0%	0%	0%	0%
16.0905	Spanish	20	13	65%	62%	38%	0%	5%	25%	5%
16.1101	Arabic	1	0	0%	0%	0%	0%	0%	100%	0%
16.9999	Language and International Trade	8	7	88%	86%	0%	14%	0%	0%	0%
	HEALTH									
17.0206	Emergency Medical/Paramedic	3	3	100%	67%	33%	0%	0%	0%	0%
17.0208	Nuclear Medical Technology	5	5	100%	80%	20%	0%	0%	0%	0%
17.0310	Medical Technology	48	28	58%	82%	14%	4%	21%	23%	0%
17.0401	Alcohol/Drug Abuse Specialist	2	1	50%	100%	0%	0%	0%	0%	0%
17.0405	Mental Health and Services, Assist	12	8	67%	63%	13%	25%	17%	0%	17%
17.0499	Mental Health/Human Services, Othe	8	3	38%	67%	33%	0%	0%	63%	0%
17.0501	Animal Technology	9	9	100%	67%	33%	0%	0%	0%	0%
17.0504	Medical Illustrations	2	5	250%	40%	0%	60%	50%	200%	0%
17.0801	Art Therapy	52	50	96%	52%	44%	4%	4%	0%	0%
17.0804	Exercise Physiology	13	8	62%	75%	25%	0%	0%	38%	0%
17.0806	Music Therapy	1	1	100%	100%	0%	0%	0%	0%	0%
17.0807	Occupational Therapy	64	56	88%	55%	43%	2%	0%	0%	13%
17.0813	Physical Therapy	8	3	38%	67%	33%	0%	0%	63%	0%

Table 8

(Continued) Placement Results for Bachelor's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	HEALTH (Cont.)									
17.0816	Recreational Therapy	14	8	57%	63%	38%	0%	7%	21%	14%
17.9999	Allied Health, Other	7	6	86%	83%	17%	0%	0%	14%	0%
18.0101	Audiology	10	10	100%	20%	0%	80%	0%	0%	0%
18.0103	Speech Pathology	1	1	100%	100%	0%	0%	0%	0%	0%
18.0199	Speech Pathology/Audiology, Other	38	2	5%	100%	0%	0%	0%	95%	0%
18.0202	Basic Clinical Health Services	7	6	86%	100%	0%	0%	14%	0%	0%
18.0299	Dentistry	19	13	68%	85%	8%	8%	5%	21%	5%
18.0401	Health Care Adminstration	3	3	100%	100%	0%	0%	0%	0%	0%
18.0701	Medical Records Administration	40	32	80%	94%	6%	0%	8%	8%	5%
18.0703	Health Science Administration	24	22	92%	95%	5%	0%	4%	0%	4%
18.0799	Medical Laboratory	10	7	70%	100%	0%	0%	0%	0%	30%
18.0901	Human Medicine	3	2	67%	50%	50%	0%	0%	0%	33%
18.1101	Nursing, General	404	360	89%	88%	12%	1%	1%	2%	9%
18.1108	Nursing, Other	1	0	0%	0%	0%	0%	100%	0%	0%
18.1201	Optometry	14	1	7%	100%	0%	0%	0%	93%	0%
18.1301	Osteopathic Medicine	1	1	100%	100%	0%	0%	0%	0%	0%
18.1401	Pharmacy	89	86	97%	93%	7%	0%	2%	1%	0%
18.1801	Pre-Medicine	5	2	40%	100%	0%	0%	20%	40%	0%
18.2401	Veterinary Medicine	13	0	0%	0%	0%	0%	0%	100%	0%
18.9999	Health Science, Other	6	4	67%	100%	0%	0%	0%	33%	0%
	HOME ECONOMICSS									
19.0101	Home Economics	9	6	67%	100%	0%	0%	22%	11%	0%
19.0301	Family and Community Services	8	4	50%	100%	0%	0%	13%	38%	0%
19.0401	Family/Consumer Resource Managemen	3	3	100%	67%	33%	0%	0%	0%	0%
19.0501	Food Science and Human Nutrition	24	16	67%	50%	31%	19%	18%	8%	8%
19.0503	Dietetics	64	41	64%	71%	27%	2%	6%	25%	5%
19.0601	Human Environment and Housing	20	18	90%	83%	11%	6%	10%	0%	0%
19.0701	Individual and Family Developement	13	9	69%	78%	11%	11%	8%	15%	8%
19.0901	Textiles and Clothing	36	32	89%	69%	31%	0%	6%	6%	0%
19.0903	Textiles and Clothing Retail	112	89	79%	63%	37%	0%	14%	5%	1%
20.0102	Child Development	38	26	68%	96%	4%	0%	26%	5%	0%
20.0301	Clothing, Apparel, and Textiles	3	0	0%	0%	0%	0%	0%	0%	100%
	INDUSTRIAL ARTS									
21.0101	Industrial Arts	29	19	66%	95%	5%	0%	0%	0%	34%
21.0102	Building Construction Management	24	22	92%	91%	9%	0%	4%	4%	0%
	LAW									
22.0101	Law	1	0	0%	0%	0%	0%	0%	0%	100%
22.0102	Pre-Law	28	8	29%	88%	13%	0%	18%	54%	0%
22.0103	Legal Assisting	6	5	83%	100%	0%	0%	0%	17%	0%
	LETTERS									
23.0101	English	300	185	62%	72%	25%	2%	13%	16%	10%
23.0301	Comparative Literature	4	2	50%	100%	0%	0%	0%	50%	0%
23.0401	Composition	22	15	68%	87%	7%	7%	14%	5%	14%
23.0501	Creative Writing	4	3	75%	67%	33%	0%	0%	0%	25%
23.0601	Linguistics	6	2	33%	100%	0%	0%	17%	50%	0%
23.0801	English Literature	103	51	50%	39%	61%	0%	14%	28%	9%
23.1001	Speech, Debate, Forensics	144	106	74%	78%	21%	1%	4%	14%	9%
23.1101	Technical and Business Writing	7	3	43%	33%	67%	0%	29%	29%	0%
23.9999	Letters, Other	27	22	81%	95%	5%	0%	19%	0%	0%
	LIBERAL/GENERAL STUDIES									
24.0101	Liberal/General Studies	102	60	59%	70%	22%	8%	18%	16%	8%
24.0199	Fine Arts Studies	1	0	0%	0%	0%	0%	0%	100%	0%

Table 8

(Continued) Placement Results for Bachelor's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	LIFE SCIENCES									
26.0101	Biology, General	387	155	40%	76%	18%	6%	9%	45%	9%
26.0201	Biochemistry and Biophysics	40	14	35%	50%	50%	0%	5%	63%	0%
26.0301	Botany	4	3	75%	33%	67%	0%	0%	25%	0%
26.0401	Cell and Molecular Biology	13	1	8%	0%	100%	0%	0%	92%	0%
26.0501	Microbiology	26	13	50%	77%	23%	0%	12%	38%	0%
26.0603	Ecology	1	0	0%	0%	0%	0%	0%	100%	0%
26.0612	Toxicology	1	1	100%	0%	100%	0%	0%	0%	0%
26.0701	Zoology	23	6	26%	33%	67%	0%	13%	61%	0%
26.0702	Entomology	1	0	0%	0%	0%	0%	100%	0%	0%
26.0706	Physiology	40	5	13%	100%	0%	0%	5%	78%	5%
26.9999	Life Sciences, Other	4	4	100%	75%	0%	25%	0%	0%	0%
	MATHEMATICS									
27.0101	Mathematics	221	127	57%	70%	30%	0%	12%	25%	6%
27.0301	Applied Mathematics	7	5	71%	40%	60%	0%	29%	0%	0%
27.0501	Statistics	5	3	60%	67%	33%	0%	0%	0%	40%
	MULTI/INTERDISCIPLINARY STUDIES									
30.0101	Earth Science	41	34	83%	56%	15%	29%	12%	2%	2%
30.0401	Humanities and Social Science	180	92	51%	83%	16%	1%	17%	31%	1%
30.0801	Systems Science	1	1	100%	100%	0%	0%	0%	0%	0%
30.9999	Multi-Interdisciplinary Studies	1	1	100%	0%	100%	0%	0%	0%	0%
	PARKS AND RECREATION									
31.0101	Parks and Recreation	15	13	87%	77%	23%	0%	13%	0%	0%
31.0201	Outdoor Recreation	16	9	56%	22%	78%	0%	31%	13%	0%
31.0301	Parks and Recreation Management	33	29	88%	83%	17%	0%	6%	3%	3%
31.0307	Water Resources	11	4	36%	25%	75%	0%	9%	55%	0%
31.9999	Parks and Recreation, Other	5	3	60%	100%	0%	0%	20%	0%	20%
	PERSONAL AND SOCIAL DEVELOPMENT									
34.0101	Health and Releated Activities	51	48	94%	79%	21%	0%	6%	0%	0%
34.0401	Health Studies	3	3	100%	67%	33%	0%	0%	0%	0%
36.0108	Sports/Physical Education	3	3	100%	100%	0%	0%	0%	0%	0%
	PHILOSOPHY AND RELIGION									
38.0101	Philosophy	27	9	33%	78%	22%	0%	19%	40%	8%
38.0201	Religion	13	7	54%	100%	0%	0%	0%	31%	15%
38.9999	Philosophy and Religion Other	3	3	100%	67%	0%	33%	0%	0%	0%
39.9999	Theology, Other	5	3	60%	0%	100%	0%	0%	40%	0%
	PHYSICAL SCIENCES									
40.0101	Physical Sciences	5	1	20%	0%	100%	0%	60%	20%	0%
40.0301	Astrophysics	5	3	60%	67%	33%	0%	0%	40%	0%
40.0401	Atmospheric Science and Meterology	2	1	50%	0%	100%	0%	0%	0%	50%
40.0501	Chemistry	164	91	55%	55%	44%	1%	5%	38%	3%
40.0601	Geology	34	21	62%	57%	24%	19%	6%	32%	3%
40.0701	Metallurgy	4	4	100%	100%	0%	0%	0%	0%	0%
40.0703	Earth Science	18	10	56%	100%	0%	0%	22%	17%	6%
40.0801	Physics, General	51	23	45%	48%	48%	4%	10%	45%	0%
40.9999	Physical Sciences, Other	11	4	36%	75%	25%	0%	9%	36%	18%
41.0305	Water Science	3	3	100%	33%	33%	33%	0%	0%	0%
	PSYCHOLOGY									
42.0101	Psychology	518	287	55%	68%	26%	6%	11%	30%	3%
42.0401	Community Psychology	4	4	100%	75%	25%	0%	0%	0%	0%
42.0801	Experimental Psychology	7	6	86%	17%	67%	17%	0%	14%	0%

Table 8

(Continued) Placement Results for Bachelor's Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employment Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES									
43.0101	Correctional Adminstration	135	87	64%	74%	26%	0%	23%	12%	1%
43.0102	Corrections	5	3	60%	100%	0%	0%	20%	20%	0%
43.0103	Crim. Just. Studies	31	27	87%	89%	0%	11%	10%	0%	3%
43.0104	Criminal Justice Studies	26	20	77%	90%	10%	0%	0%	23%	0%
43.0105	Criminal Justice Technology	9	4	44%	100%	0%	0%	44%	11%	0%
43.0107	Law Enforcement	82	59	72%	85%	8%	7%	21%	2%	5%
43.0199	Criminal Justice, Other	40	14	35%	93%	7%	0%	0%	65%	0%
44.0101	Public Affairs	8	3	38%	100%	0%	0%	38%	25%	0%
44.0201	Community Service	10	5	50%	80%	20%	0%	0%	50%	0%
44.0401	Public Administration	55	37	67%	89%	11%	0%	18%	15%	0%
44.0501	Public Policy Studies	1	0	0%	0%	0%	0%	0%	100%	0%
44.0701	Social Work, General	210	131	62%	87%	8%	5%	11%	20%	7%
	SOCIAL SCIENCES									
45.0101	Social Science	148	95	64%	84%	15%	1%	17%	16%	5%
45.0201	Anthropology	22	8	36%	63%	13%	25%	18%	28%	18%
45.0401	Criminology	25	19	76%	100%	0%	0%	8%	4%	12%
45.0501	Demography	9	8	89%	100%	0%	0%	11%	0%	0%
45.0601	Economics	216	144	67%	52%	47%	1%	10%	19%	5%
45.0701	Geography	24	15	63%	75%	13%	13%	17%	8%	13%
45.0801	History	199	111	56%	66%	32%	2%	10%	27%	7%
45.1001	Political Science	190	99	52%	55%	42%	3%	11%	29%	8%
45.1101	Sociology	124	84	68%	69%	27%	4%	10%	17%	4%
45.9999	Social Sciences, Other	12	9	75%	56%	44%	0%	8%	17%	0%
	TRADE AND INDUSTRY									
48.0201	Architecture Drafting	10	10	100%	30%	60%	10%	0%	0%	0%
	VISUAL AND PERFORMING ARTS									
50.0201	Crafts, General	1	1	100%	0%	0%	100%	0%	0%	0%
50.0301	Dance	3	2	67%	100%	0%	0%	0%	33%	0%
50.0401	Design, General	26	22	85%	77%	23%	0%	15%	0%	0%
50.0402	Graphic Design	3	2	67%	50%	0%	50%	33%	0%	0%
50.0403	Illustration Design	4	2	50%	50%	50%	0%	50%	0%	0%
50.0501	Dramatic Arts	49	31	63%	42%	55%	3%	14%	20%	2%
50.0601	Film Arts, General	10	8	80%	75%	0%	25%	10%	10%	0%
50.0602	Cinematography/Film	1	0	0%	0%	0%	0%	0%	0%	100%
50.0605	Photography	5	4	80%	50%	50%	0%	0%	0%	20%
50.0701	Fine Arts, General	140	96	69%	73%	25%	2%	14%	11%	9%
50.0703	Art History and Appreciation	3	0	0%	0%	0%	0%	67%	33%	0%
50.0704	Arts Management	6	5	83%	60%	40%	0%	0%	17%	0%
50.0705	Drawing	2	0	0%	0%	0%	0%	100%	0%	0%
50.0799	Fine Arts, Other	12	11	92%	91%	9%	0%	8%	0%	0%
50.0901	Music, General	53	37	70%	62%	24%	14%	11%	19%	2%
50.0903	Applied Music	18	5	28%	40%	60%	0%	0%	61%	11%
50.0904	Music Therapy	2	0	0%	0%	0%	0%	0%	100%	0%
	GRAND TOTALS/AVERAGES	15,724	11,295	72%	73%	24%	3%	11%	12%	5%

Table 9

Average Starting Salaries for 1987-88 Bachelor's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	AGRICULTURAL STUDIES			
1.0103	Agricultural Economics	38	$1,716	$20,592
1.0601	Horticulture	13	$1,721	$20,652
1.9999	Packaging	77	$2,232	$26,784
1.9999	Agriculture Production, Other	2	$1,925	$23,100
2.0201	Agricultural Science	11	$1,485	$17,820
2.0301	Food Sciences	7	$1,667	$20,004
2.0501	Soil Sciences	6	$1,563	$18,756
3.0101	Resource Development	6	$1,743	$20,916
3.0501	Soil Sciences	7	$1,542	$18,499
3.0601	Wildlife Management	6	$1,636	$19,632
	TOTALS/AVERAGES	173	$1,918	$23,011
	ARCHITECTURE AND ENVIRONMENTAL DESIGN			
4.0201	Architecture	14	$1,751	$21,018
4.0301	Land Use Analysis	2	$1,604	$19,248
4.0501	Interior Design	13	$1,538	$18,457
4.0601	Landscape Architecture	15	$1,603	$19,236
	TOTALS/AVERAGES	44	$1,631	$19,573
	AREA AND ETHNIC STUDIES			
5.0101	African Studies	4	$1,483	$17,800
	TOTALS/AVERAGES	4	$1,483	$17,800
	BUSINESS			
6.0101	General Business	27	$2,055	$24,665
6.0201	Accounting	561	$1,843	$22,121
6.0301	Banking and Finance	226	$1,742	$20,908
6.0401	Business Administration and Management	413	$1,664	$19,967
6.0402	Material Management and Purchasing	76	$2,056	$24,672
6.0404	Systems Efficiency Analysis	3	$1,736	$20,832
6.0499	Business Admininistration and management, Other	11	$1,760	$21,120
6.0501	Business Economics	73	$1,621	$19,450
6.0601	Human Resources Development	7	$1,520	$18,243
6.0701	Institutional Management	68	$1,560	$18,714
6.0702	Recreational Enterprise Management	2	$1,500	$18,000
6.0705	Transportation Management	11	$2,198	$26,376
6.0801	Insurance and Risk Management	7	$1,495	$17,940
6.0901	International Business Mgmt.	3	$1,611	$19,332
6.1101	Labor/Industrial Relations	1	$2,725	$32,700
6.1201	Management Infomation Systems	44	$1,996	$23,948
6.1302	Business Statistics	37	$2,071	$24,852
6.1399	Management Science	32	$1,814	$21,764
6.1401	Marketing Management	211	$1,777	$21,319
6.1499	Marketing Management, Other	2	$1,667	$20,004
6.1601	Personnel Management	15	$1,513	$18,153
6.2001	Trade and Industry Management	68	$1,824	$21,893
6.9999	Business and Management, Other	12	$2,083	$25,000
7.0101	Accounting and Bookkeeping	1	$2,083	$25,000
7.0102	Accounting and Computing	8	$1,979	$23,748
7.0399	Business Data Processing, Other	2	$1,625	$19,500
7.0401	Office Supervision and Management	22	$1,872	$22,459
7.0604	Legal Secretarial	3	$1,972	$23,667
7.0801	Typing and General Office	1	$2,083	$25,000
8.0102	Fashion Merchandising	19	$1,433	$17,193
8.0201	Business Marketing	99	$1,839	$22,068
8.0601	Food Marketing	21	$1,557	$18,684
8.0701	Auctioneering	35	$1,660	$19,925
8.0702	Industrial Sales	8	$2,016	$24,188
8.0703	Industrial Marketing	8	$1,349	$16,188
8.0705	Retailing	8	$1,209	$14,508
8.0706	Sales	19	$1,810	$21,720
8.0901	Hospitality/Recreational Marketing	9	$1,374	$16,488

Table 9

(Continued) Average Starting Salaries for Bachelor's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	BUSINESS (Cont.)			
8.0903	Marketing of Recreation Services	14	$1,251	$15,012
8.0999	Hospitality and Recreation, Other	18	$1,450	$17,400
8.1104	Tourism	7	$1,401	$16,812
	TOTALS/AVERAGES	2,212	$1,768	$21,218
	COMMUNICATIONS			
9.0101	Communications	207	$1,636	$19,627
9.0201	Advertising	106	$1,610	$19,325
9.0401	Journalism	23	$1,469	$17,628
9.0701	Telecommunications	56	$1,679	$20,143
10.0104	Radio/TV Production	22	$1,392	$16,705
10.0199	Communication Technology, Other	0	$2,243	$26,916
	TOTALS/AVERAGES	414	$1,613	$19,353
	COMPUTER AND INFORMATION SCIENCES			
11.0101	Computer and Information Science	140	$2,004	$24,052
11.0301	Data Processing	10	$1,784	$21,403
11.0401	Information Sciences	47	$2,041	$24,496
11.0501	Systems Analysis	2	$2,667	$32,000
11.9999	Computer and Information Science, Other	55	$1,864	$22,368
	TOTALS/AVERAGES	254	$1,977	$23,728
	EDUCATION			
13.0101	Education, General	3	$1,239	$14,867
13.0201	Bilingual/Bicultural Education	5	$1,593	$19,116
13.1001	Special Education	63	$1,568	$18,811
13.1003	Education of the Deaf	3	$1,621	$19,450
13.1005	Education of Emotionally Handicapped	25	$1,666	$19,988
13.1006	Education of Mentally Handicapped	17	$1,628	$19,539
13.1008	Education of Physically Handicapped	8	$1,563	$18,759
13.1009	Education of Visually Handicapped	1	$1,356	$16,275
13.1012	Speech Correction	4	$1,917	$23,003
13.1202	Adult and Continuing Education	230	$1,505	$18,065
13.1204	Pre-Elementary Education	9	$1,241	$14,894
13.1302	Art Education	2	$1,192	$14,300
13.1303	Business Education	9	$1,472	$17,667
13.1305	English Education	7	$1,027	$12,326
13.1306	Spanish Teaching	1	$1,417	$17,000
13.1307	Health Education	3	$1,655	$19,864
13.1308	Home Economics Education	5	$2,110	$25,317
13.1309	Industrial Arts Education	13	$2,140	$25,676
13.1311	Mathematics Education	5	$1,687	$20,246
13.1312	Music Education	11	$1,419	$17,028
13.1314	Physical Education	48	$1,855	$22,261
13.1316	Science Education	15	$1,596	$19,147
13.1317	Social Science Education	20	$1,440	$17,285
13.1399	Trade and Industrial Education	2	$1,625	$19,500
	TOTALS/AVERAGES	509	$1,572	$18,866
	ENGINEERING AND RELATED TECHNOLOGIES			
14.0101	Engineering, Other	88	$2,217	$26,603
14.0201	Aerospace Engineering	41	$2,360	$28,325
14.0301	Agricultural Engineering	3	$2,035	$24,420
14.0701	Chemical Engineering	24	$2,542	$30,499
14.0801	Civil Engineering	33	$2,239	$26,869
14.0901	Computer Engineering	121	$2,502	$30,024
14.1001	Electrical Engineering	168	$2,429	$29,147

Table 9

(Continued) Average Starting Salaries for Bachelor's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	ENGINEERING AND RELATED TECHNOLOGIES (Cont.)			
14.1101	Mechanics Engineering	2	$2,542	$30,504
14.1301	Engineering Science	3	$2,009	$24,112
14.1501	Geological Engineering	0	$2,146	$25,752
14.1701	Industrial Engineering	59	$2,410	$28,916
14.1801	Materials Engineering	7	$2,429	$29,148
14.1901	Mechanical Engineering	207	$2,454	$29,454
14.2001	Metallurgical Engineering	0	$2,500	$30,000
14.2201	Naval Architecture/Marine Engineering	1	$2,333	$27,996
14.9999	Engineering, Other	22	$2,526	$30,308
15.0101	Architectural Design Technology	6	$2,542	$30,500
15.0203	Surveying & Mapping Technology	6	$1,896	$22,752
15.0303	Electronic Technology	11	$1,769	$21,226
15.0399	Electrical Technology	4	$2,696	$32,353
15.0503	Energy Management Technology	7	$2,433	$29,200
15.0504	Sanitation Technology	1	$1,750	$21,000
15.0599	Environmental Control Technology, Other	8	$1,699	$20,388
15.0601	Chemical Manufufacturing Technology	5	$3,500	$42,000
15.0603	Industrial Technology	12	$2,184	$26,212
15.0604	Manufacturing Technology	36	$2,340	$28,075
15.0607	Plastic Technology	19	$2,324	$27,891
15.0699	Industrial Production, Other	21	$2,142	$25,708
15.0701	Occupation Safty and Health	2	$1,875	$22,500
15.0801	Aeronautical Technology	19	$1,737	$20,845
15.0805	Mechanical Design Technology	21	$1,902	$22,829
	TOTALS/AVERAGES	957	$2,365	$28,376
	FOREIGN LANGUAGES			
16.0301	Chinese	1	$1,917	$23,000
16.0402	Russian	1	$1,583	$18,996
16.0501	German	10	$1,373	$16,477
16.0515	Germanic Languages, Other	1	$1,208	$14,500
16.0601	Greek	1	$2,250	$27,000
16.0901	French	20	$1,614	$19,364
16.0902	Italian	1	$1,250	$15,000
16.0905	Spanish	4	$1,604	$19,249
16.9999	Language and International Trade	6	$1,757	$21,083
	TOTALS/AVERAGES	45	$1,582	$18,979
	HEALTH			
17.0206	Emergency Medical/Paramedic	3	$2,319	$27,833
17.0310	Medical Technology	6	$1,625	$19,500
17.0405	Mental Health/Human Services	3	$1,786	$21,433
17.0499	Mental Health/Human Services, Other	3	$1,553	$18,636
17.0501	Animal Technology	7	$2,417	$29,004
17.0504	Medical Illustrations	1	$1,416	$16,992
17.0801	Art Therapy	38	$1,917	$23,004
17.0804	Exercise Physiology	5	$1,187	$14,246
17.0806	Music Therapy	1	$1,667	$20,004
17.0807	Occupational Therapy	47	$2,013	$24,155
17.0813	Physical Therapy	1	$1,750	$21,000
18.0101	Audiology	2	$1,500	$18,000
18.0199	Speech Pathology/Audiology, Other	1	$1,417	$17,004
18.0202	Clinical Biochemistry	5	$1,787	$21,444
18.0299	Basic Clinical Health Services	6	$1,429	$17,148
18.0401	Dentistry	3	$2,417	$29,000
18.0701	Health Care Adminstration	21	$1,398	$16,776
18.0703	Medical Records Administration	13	$1,614	$19,368
18.1101	Nursing, General	195	$1,992	$23,900
18.1401	Pharmacy	35	$2,868	$34,416
18.1801	Pre-Medicine	1	$1,416	$16,992
18.9999	Health Science, Other	1	$2,083	$24,996
	TOTALS/AVERAGES	398	$1,994	$23,929

Table 9

(Continued) Average Starting Salaries for Bachelor's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	HOME ECONOMICS			
19.0101	Home Economics	1	$1,917	$23,005
19.0301	Family and Community Services	2	$1,735	$20,820
19.0401	Family/Consumer Resource Management	2	$1,167	$14,000
19.0501	Food Science and Human Nutrition	6	$1,381	$16,571
19.0503	Dietetics	14	$1,586	$19,036
19.0601	Human Environment and Housing	14	$1,706	$20,471
19.0701	Individual and Family Developement	5	$1,234	$14,807
19.0901	Textiles and Clothing	12	$1,533	$18,395
19.0903	Textiles and Clothing Retail	54	$1,543	$18,516
20.0102	Child Development	16	$1,369	$16,429
	TOTALS/AVERAGES	126	$1,523	$18,275
	INDUSTRIAL ARTS			
21.0101	Industrial Arts	7	$2,500	$30,000
	TOTALS/AVERAGES	7	$2,500	$30,000
	LAW			
22.0102	Pre-Law	24	$1,978	$23,738
22.0103	Legal Assisting	2	$1,604	$19,248
	TOTALS/AVERAGES	26	$1,949	$23,392
	LETTERS			
23.0101	English	112	$1,481	$17,777
23.0301	Comparative Literature	1	$1,333	$16,000
23.0401	Composition	12	$1,399	$16,792
23.0501	Creative Writing	2	$1,083	$12,997
23.0801	English Literature	43	$1,491	$17,891
23.1001	Speech, Debate, Forensics	52	$1,535	$18,417
23.9999	Letters, Other	8	$1,300	$15,603
	TOTALS/AVERAGES	230	$1,481	$17,767
	LIBERAL/GENERAL STUDIES			
24.0101	Liberal/General Studies	49	$2,005	$24,063
	TOTALS/AVERAGES	279	$1,573	$18,872
	LIFE SCIENCES			
26.0101	Biology, General	87	$1,703	$20,435
26.0201	Biochemistry and Biophysics	8	$1,825	$21,899
26.0501	Microbiology	9	$1,515	$18,177
26.0612	Toxicology	1	$2,083	$25,000
26.0701	Zoology	3	$1,400	$16,800
26.0706	Physiology	3	$1,917	$23,000
26.9999	Life Sciences, Other	3	$1,583	$19,000
	TOTALS/AVERAGES	114	$1,694	$20,334
	MATHEMATICS			
27.0101	Mathematics	74	$1,690	$20,283
27.0301	Applied Mathematics	1	$1,583	$19,000
27.9999	Mathematics, Other	3	$1,687	$20,244
	TOTALS/AVERAGES	78	$1,689	$20,265

Table 9

(Continued) Average Starting Salaries for Bachelor's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	MULTI/INTERDISCIPLINARY STUDIES			
30.0101	Earth Science	14	$1,696	$20,353
30.0401	Humanities and Social Science	41	$1,609	$19,303
30.0601	Systems Science	1	$1,625	$19,500
	TOTALS/AVERAGES	56	$1,631	$19,569
	PARKS AND RECREATION			
31.0101	Parks and Recreation	10	$1,371	$16,448
31.0201	Outdoor Recreation	6	$1,458	$17,496
31.0301	Parks and Recreation Management	6	$1,568	$18,817
31.0307	Water Resources	4	$1,402	$16,824
	TOTALS/AVERAGES	26	$1,441	$17,294
	PERSONAL AND SOCIAL DEVELOPMENT			
34.0101	Health and Releated Activities	42	$2,369	$28,428
	TOTALS/AVERAGES	42	$2,369	$28,428
	LEISURE AND RECREATIONAL ACTIVITIES			
36.0108	Sports/Physical Education	2	$1,417	$17,004
	TOTALS/AVERAGES	2	$1,417	$17,004
	PHILOSOPHY AND RECREATIONAL ACTIVITIES			
38.0101	Philosophy	5	$1,922	$23,064
38.0201	Religion	2	$1,633	$19,596
39.9999	Philosophy and Religion, Other	3	$1,833	$22,000
	TOTALS/AVERAGES	10	$1,838	$22,051
	PHYSICAL SCIENCES			
40.0101	Physical Sciences	1	$1,578	$18,936
40.0301	Astrophysics	1	$2,500	$30,000
40.0501	Chemistry	84	$2,339	$28,070
40.0601	Geology	5	$1,968	$23,621
40.0703	Earth Science	5	$1,609	$19,312
40.0801	Physics, General	6	$1,837	$22,042
40.9999	Physical Sciences, Other	3	$1,572	$18,860
	TOTALS/AVERAGES	105	$2,230	$26,765
	PSYCHOLOGY			
42.0101	Psychology *	173	$1,422	$17,062
42.0401	Community Psychology	1	$1,250	$15,000
42.0801	Experimental Psychology	1	$1,343	$16,120
	TOTALS/AVERAGES	175	$1,420	$17,045
	PUBLIC AFFAIRS AND COMMUNITY SERVICE			
43.0101	Correctional Adminstration	49	$1,793	$21,511
43.0102	Corrections	1	$2,667	$32,000
43.0103	Criminal Justice Administration	13	$2,083	$24,996
43.0104	Criminal Justice Studies	8	$1,568	$18,812
43.0105	Criminal Justice Technology	4	$1,743	$20,916
43.0107	Law Enforcement	28	$1,638	$19,660

Table 9

(Continued) Average Starting Salaries for Bachelor's Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	PUBLIC AFFAIRS AND COMMUNITY SERVICE (Cont.)			
43.0199	Criminal Justice, Other	7	$1,617	$19,404
44.0101	Public Affairs	3	$2,119	$25,428
44.0201	Community Service	4	$1,979	$23,748
44.0401	Public Administration	27	$1,753	$21,036
44.0701	Social Work, General	90	$1,335	$16,023
	TOTALS/AVERAGES	234	$1,607	$19,286
	SOCIAL SCIENCES			
45.0101	Social Science	63	$1,557	$18,679
45.0201	Anthropology	1	$1,417	$17,000
45.0401	Criminology	13	$1,756	$21,077
45.0501	Demography	3	$1,883	$22,596
45.0601	Economics	112	$1,822	$21,860
45.0701	Geography	5	$1,592	$19,101
45.0801	History	62	$1,551	$18,615
45.1001	Political Science	63	$1,626	$19,509
45.1101	Sociology	44	$1,305	$15,660
45.9999	Social Sciences, Other	3	$1,583	$19,000
	TOTALS/AVERAGES	369	$1,628	$19,535
	TRADE AND INDUSTRY			
48.0201	Architecture Drafting	7	$2,167	$26,004
	TOTALS/AVERAGES	7	$2,167	$26,004
	VISUAL AND PERFORMING ARTS			
50.0301	Dance	1	$1,041	$12,492
50.0401	Design, General	17	$1,678	$20,138
50.0402	Graphic Design	1	$1,667	$20,000
50.0501	Industrial Design	13	$1,625	$19,501
50.0601	Film Arts, General	2	$1,666	$19,992
50.0605	Photography	4	$1,294	$15,528
50.0701	Fine Arts, General	47	$1,493	$17,919
50.0704	Arts Management	4	$1,615	$19,375
50.0799	Fine Arts, Other	5	$1,183	$14,194
50.0901	Music, General	14	$1,441	$17,290
	TOTALS/AVERAGES	108	$1,515	$18,177
	GRAND TOTALS/AVERAGES	6,778	$1,820	$21,842

Table 10

Master's Degrees Conferred Compared to Graduates Reported and Responding by Participating Institutions for Major Curriculum Areas 1987-88

CIP	Curriculum Area	Degrees Conferred Public	Degrees Conferred Private	Total * Number of Degrees Conferred	Total ** Number of Grads Reported	Percent of Conferred	Total ** Number of Grads Responding	Percent of Conferred	Percent of Reported
1	Agribusiness	52	3	55	48	88%	45	83%	94%
2	Agricultural Sciences	45	2	47	38	82%	27	58%	71%
3	Renewable Natural Resources	96	8	104	35	34%	26	25%	74%
4	Architecture	136	14	150	10	7%	10	7%	100%
5	Area and Ethnics Studies	38	0	38	2	5%	1	3%	50%
6	Business and Management	2,782	1,252	4,034	1,218	30%	558	14%	46%
7	Business and Office	116	672	788	2	0%	2	0%	100%
8	Marketing and Distribution	63	191	254	82	32%	44	17%	54%
9	Communications	202	32	234	156	67%	87	37%	56%
10	Communications Technology	17	0	17	0	0%	0	0%	0%
11	Computer Science	209	159	368	117	32%	69	19%	59%
12	Consumer, Personal, Misc. Services	2	5	7	0	0%	0	0%	0%
13	Education	2,939	219	3,158	1,877	59%	1,145	36%	61%
14	Engineering	1,011	35	1,046	831	79%	377	36%	45%
15	Engineering Related Technologies	716	135	851	74	9%	51	6%	69%
16	Foreign Language	73	2	75	38	51%	29	39%	76%
17	Allied Health	289	202	491	54	11%	28	6%	52%
18	Health Sciences	596	230	826	126	15%	84	10%	67%
19	Home Economics	96	11	107	46	43%	27	25%	59%
20	Vocational Home Economics	70	18	88	1	1%	1	1%	100%
22	Law	94	5	99	0	0%	0	0%	0%
23	Letters	215	8	223	127	57%	78	35%	61%
24	Liberal Studies	64	136	200	9	5%	5	3%	56%
25	Library Sciences	147	0	147	2	1%	1	1%	50%
26	Life Sciences	152	5	157	55	35%	48	31%	87%
27	Mathematics	128	0	128	77	60%	30	23%	39%
28	Military Science	0	0	0	3	>100%	3	>100%	100%
30	Interdisciplinary Studies	26	8	34	19	56%	15	44%	79%
31	Parks and Recreation	24	0	24	8	33%	4	17%	50%
38	Philosophy	32	11	43	10	24%	8	19%	80%
39	Theology	0	93	93	0	0%	0	0%	0%
40	Physical Sciences	168	7	175	92	53%	45	26%	49%
41	Science Technology	9	2	11	0	0%	0	0%	0%
42	Psychology	197	81	278	218	78%	83	30%	38%
43	Protective Services	52	18	70	48	69%	37	53%	77%
44	Public Affairs	84	23	107	318	>100%	215	>100%	68%
45	Social Sciences	271	19	290	142	49%	93	32%	65%
46	Construction Trades	6	1	7	0	0%	0	0%	0%
47	Mechanics And Repair Technology	0	11	11	0	0%	0	0%	0%
48	Precision Production	29	6	35	0	0%	0	0%	0%
49	Transportation and Material Moving	50	0	50	0	0%	0	0%	0%
50	Visual and Performing Arts	253	88	341	112	33%	87	26%	78%
	TOTALS/AVERAGES	11,545	3,711	15,256	5,995	39%	3,263	21%	54%

* Data form the Department of Education
** Data from institutions responding to this survey

Table 11

Placement Results for 1987-88 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	ARICULTURAL STUDIES									
1.0103	Agricultural Economics	17	13	76%	100%	0%	0%	6%	18%	0%
1.9999	Packaging	13	9	69%	78%	22%	0%	8%	23%	0%
1.9999	Agribusiness, Other	7	7	100%	71%	29%	0%	0%	0%	0%
2.0201	Agricultural Science	9	5	56%	100%	0%	0%	0%	44%	0%
2.0301	Poultry	5	4	80%	100%	0%	0%	0%	20%	0%
2.0402	Agronomy	5	3	60%	100%	0%	0%	0%	40%	0%
2.0403	Horticulture Science	8	7	88%	100%	0%	0%	0%	13%	0%
3.0101	Resource Development	5	5	100%	80%	20%	0%	0%	0%	0%
3.0501	Soil Sciences	11	8	73%	88%	13%	0%	0%	18%	0%
3.0601	Wildlife Management	10	6	60%	100%	0%	0%	10%	30%	0%
	ARCHETECTURE ADN ENVIRONMENTAL DESIGN									
4.0201	Architecture	1	1	100%	0%	100%	0%	0%	0%	0%
4.0301	Land Use Analysis	4	4	100%	75%	25%	0%	0%	0%	0%
4.0701	Urban Design	6	3	50%	67%	33%	0%	0%	17%	33%
	AREA AND ETHNIC STUDIES									
5.0101	African Studies	1	1	100%	0%	100%	0%	0%	0%	0%
5.0701	Area Studies, Other	1	1	100%	0%	100%	0%	0%	0%	0%
	BUSINESS									
6.0201	Accounting	23	22	96%	77%	23%	0%	0%	0%	4%
6.0301	Banking and Finance	22	20	91%	95%	5%	0%	5%	5%	0%
6.0401	Business Admin. and Management	400	334	84%	89%	10%	1%	4%	1%	10%
6.0402	Material Management and Purchasing	7	7	100%	100%	0%	0%	0%	0%	0%
6.0501	Business Economics	8	7	88%	100%	0%	0%	0%	13%	0%
6.0601	Human Resources Development	13	8	62%	75%	25%	0%	23%	15%	0%
6.0701	Institutional Management	3	3	100%	67%	33%	0%	0%	0%	0%
6.0701	Transportation Management	4	4	100%	0%	100%	0%	0%	0%	0%
6.0705	International Business Mgt	6	6	100%	100%	0%	0%	0%	0%	0%
6.0901	Labor/Industrial Relations	1	1	100%	0%	100%	0%	0%	0%	0%
6.1101	Management Infomation Systems	41	37	90%	84%	16%	0%	10%	0%	0%
6.1201	Operations Research	1	0	0%	0%	0%	0%	0%	100%	0%
6.1302	Management Science	12	10	83%	90%	10%	0%	17%	0%	0%
6.1501	Organizational Behavior	9	7	78%	86%	14%	0%	0%	0%	22%
6.9999	Business and Management, Other	2	2	100%	50%	50%	0%	0%	0%	0%
7.0401	Office Supervision and Management	2	2	100%	100%	0%	0%	0%	0%	0%
8.0102	Fashion Merchandising	1	1	100%	100%	0%	0%	0%	0%	0%
8.0201	Business Marketing	30	25	83%	64%	36%	0%	13%	3%	0%
8.0703	Industrial Marketing	11	8	73%	63%	25%	13%	0%	0%	27%
8.1004	Insurance Marketing	2	0	0%	0%	0%	0%	50%	50%	0%
	COMMUNICATIONS									
9.0101	Communications	42	28	67%	82%	11%	7%	17%	7%	10%
9.0201	Advertising	25	19	76%	79%	21%	0%	8%	16%	0%
9.0401	Journalism	9	7	78%	86%	14%	0%	11%	11%	0%
9.0501	Public Relations	4	2	50%	100%	0%	0%	50%	0%	0%
9.0701	Telecommunications	7	5	71%	100%	0%	0%	14%	14%	0%
	COMPUTER AND INFORMATION SCIENCE									
11.0101	Computer and Information Science	64	34	53%	26%	29%	44%	14%	2%	23%
11.0401	Information Sciences	5	3	60%	67%	33%	0%	20%	0%	20%
	EDUCATION									
13.0101	Education, General	41	41	100%	98%	2%	0%	0%	0%	0%
13.0301	Curriculum and Instruction	133	119	89%	95%	4%	1%	6%	4%	1%
13.0401	Education Adminstration	167	148	89%	95%	4%	1%	4%	4%	5%
13.0405	Elem. and Sec. Education Admin.	18	16	89%	100%	0%	0%	0%	0%	11%
13.0406	Higher Education Administration	15	13	87%	100%	0%	0%	7%	7%	0%

Table 11

(Continued) Placement Results for Master's Degree Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	EDUCATION (Cont.)									
13.0407	Community College Education Admin.	5	2	40%	50%	50%	0%	0%	0%	60%
13.0604	Educational Testing and Evaluation	1	0	0%	0%	0%	0%	0%	100%	0%
13.0801	School Psychology	29	22	76%	95%	5%	0%	14%	3%	7%
13.0901	Social Foundations	4	4	100%	75%	25%	0%	0%	0%	0%
13.1001	Special Education	39	36	92%	97%	0%	3%	5%	3%	0%
13.1003	Education of the Deaf	3	2	67%	100%	0%	0%	0%	0%	33%
13.1005	Educ. of Emotionally Handicapped	9	9	100%	100%	0%	0%	0%	0%	11%
13.1006	Education of Mentally Handicapped	5	4	80%	100%	0%	0%	0%	0%	20%
13.1009	Speech Correction	5	4	80%	25%	75%	0%	0%	0%	20%
13.1011	Guidance and Counseling	45	42	93%	100%	0%	0%	2%	0%	4%
13.1012	Adult and Continuing Education	24	20	83%	75%	20%	5%	4%	0%	13%
13.1101	Elementary Education	138	119	86%	92%	6%	3%	7%	4%	3%
13.1202	Secondary Education	132	114	86%	93%	5%	2%	2%	1%	12%
13.1203	Teacher Education	15	13	87%	92%	8%	0%	7%	0%	7%
13.1204	Agricultural Education	7	6	86%	100%	0%	0%	0%	0%	14%
13.1205	Art Education	11	7	64%	86%	14%	0%	0%	0%	36%
13.1302	Business Education	7	4	57%	75%	25%	0%	14%	0%	29%
13.1303	Health Education	14	11	79%	91%	9%	0%	0%	0%	21%
13.1305	Home Economics Education	1	1	100%	100%	0%	0%	0%	0%	0%
13.1307	Distributive Education	19	11	58%	82%	18%	0%	37%	5%	0%
13.1308	Mathematics Education	1	1	100%	100%	0%	0%	0%	0%	0%
13.1309	Music Education	21	18	86%	94%	0%	6%	5%	10%	0%
13.1311	Reading Education	36	36	100%	100%	0%	0%	0%	0%	0%
13.1312	Science Education	6	5	83%	100%	0%	0%	0%	17%	0%
13.1314	Social Science Education	75	59	79%	76%	20%	3%	11%	7%	4%
13.1315	Social Studies Education	79	67	85%	99%	1%	0%	3%	1%	11%
13.1316	Technical Education	7	4	57%	100%	0%	0%	14%	0%	29%
13.1319	Literature/Library Science	14	13	93%	100%	0%	0%	7%	0%	0%
13.1399	Teacher Education/Specific Subject	12	5	42%	80%	20%	0%	8%	0%	50%
13.1401	Teaching English/2nd Language	10	5	50%	20%	20%	60%	10%	0%	40%
13.9999	Teaching, Other	2	1	50%	100%	0%	0%	0%	0%	50%
	ENGINEERING AND RELATED TECHNOLOGIES									
14.0101	Engineering	2	2	100%	50%	50%	0%	0%	0%	0%
14.0201	Aerospace Engineering	14	12	86%	0%	100%	0%	7%	7%	0%
14.0301	Agricultural Engineering	8	6	75%	50%	50%	0%	0%	25%	0%
14.0501	Biomedical Engineering	2	0	0%	0%	0%	0%	100%	0%	0%
14.0701	Chemical Engineering	9	2	22%	100%	0%	0%	33%	44%	0%
14.0801	Civil Engineering	36	25	69%	36%	64%	0%	8%	19%	0%
14.0901	Computer Engineering	25	15	60%	60%	40%	0%	8%	32%	0%
14.1001	Electrical Engineering	69	47	68%	49%	51%	0%	10%	22%	0%
14.1101	Engineering Mechanics	7	4	57%	75%	25%	0%	0%	29%	0%
14.1301	Engineering Sciences	1	0	0%	0%	0%	0%	0%	0%	100%
14.1701	Industrial Engineering	18	12	67%	25%	75%	0%	17%	17%	0%
14.1801	Materials Engineering	3	1	33%	100%	0%	0%	33%	33%	0%
14.1901	Mechanical Engineering	56	44	79%	61%	39%	0%	11%	7%	4%
14.2001	Metallurgical Engineering	1	1	100%	0%	100%	0%	0%	0%	0%
14.2201	Naval Architecture/Marine Engineer	3	0	0%	0%	0%	33%	33%	33%	33%
14.2301	Nuclear Engineering	4	2	50%	0%	100%	0%	0%	50%	0%
14.2701	Systems Engineering	1	1	100%	100%	0%	0%	0%	0%	0%
14.9999	Engineering, Other	18	11	61%	36%	64%	0%	6%	11%	22%
15.0601	Chemical Manufacturing Technology	8	4	50%	100%	0%	0%	0%	0%	50%
15.0603	Industrial Technology	27	25	93%	88%	8%	4%	0%	4%	0%
15.9999	Engineering Technology, Other	16	15	94%	87%	13%	0%	0%	0%	6%
	FOREIGN LANGUAGES									
16.0402	Russian	3	0	0%	0%	0%	0%	0%	100%	0%
16.0501	German	1	0	0%	0%	0%	0%	0%	100%	100%
16.0901	French	12	5	42%	100%	0%	0%	17%	33%	8%
16.0905	Spanish	8	3	38%	100%	0%	0%	13%	50%	0%
16.1101	Arabic	1	0	0%	0%	0%	0%	0%	100%	100%
16.1301	Hebrew	3	0	0%	0%	0%	0%	0%	100%	100%
16.1302	Semitic Languages, Other	2	1	50%	100%	0%	0%	50%	0%	0%

Table 11

(Continued) Placement Results for Master's Degree Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	HEALTH SCIENCE									
17.0407	Rehabilitation Counsiling	5	3	60%	100%	0%	0%	40%	0%	0%
17.0801	Art Therapy	10	10	100%	40%	60%	0%	0%	0%	0%
17.0804	Exercise Physiology	6	4	67%	50%	25%	25%	0%	0%	33%
17.0806	Music Therapy	2	2	100%	100%	0%	0%	0%	0%	0%
17.0901	Allied Health, Other	5	5	100%	100%	0%	0%	0%	0%	0%
18.0101	Audiology and Speech Pathology	12	12	100%	58%	42%	0%	0%	0%	0%
18.0199	Audiology and Speech Path. Other	27	26	96%	77%	23%	0%	4%	0%	0%
18.0701	Health Administration	19	15	81%	92%	8%	0%	0%	0%	19%
18.1101	Nursing, General	9	9	100%	89%	11%	0%	0%	0%	0%
18.1102	Anesthetist	7	7	100%	86%	14%	0%	0%	0%	14%
18.1105	Nursing Administration	5	5	100%	100%	0%	0%	0%	0%	0%
18.2401	Veterinary Medicine	3	2	67%	50%	50%	0%	0%	33%	0%
18.9999	Health Science, Other	1	0	0%	0%	0%	0%	0%	100%	0%
	HOME ECONOMICS									
19.0101	Home Economics	2	0	0%	0%	0%	0%	50%	0%	50%
19.0301	Family and Community Services	2	2	100%	100%	0%	0%	0%	0%	0%
19.0403	Family Economics	1	1	100%	100%	0%	0%	0%	0%	0%
19.0501	Food Science and Human Nutrition	3	3	100%	100%	0%	0%	0%	0%	0%
19.0503	Dietetics	4	3	75%	33%	67%	0%	0%	25%	0%
19.0601	Human Environment and Housing	1	0	0%	0%	0%	0%	0%	100%	0%
19.0704	Family Relations	11	8	73%	88%	13%	0%	0%	27%	0%
19.0754	Geriatric Services	4	4	100%	100%	0%	0%	0%	0%	0%
20.0102	Child Development	1	1	100%	100%	0%	0%	0%	0%	0%
	LETTERS									
23.0101	English	47	24	51%	75%	21%	4%	13%	30%	9%
23.0501	Creative Writing	6	1	17%	100%	0%	0%	50%	17%	17%
23.0601	Linguistics	4	0	0%	0%	0%	0%	50%	50%	0%
23.0701	Literature, American	1	0	0%	0%	0%	0%	0%	100%	0%
23.0801	English Literature	18	4	22%	50%	50%	0%	11%	33%	39%
23.0901	Rhetoric	2	2	100%	100%	0%	0%	0%	0%	0%
	LIBERAL/GENERAL STUDIES									
24.0101	Liberal/General Studies	9	9	100%	78%	22%	0%	0%	0%	0%
	LIBRARY AND ARCHIVAL SCIENCES									
25.0401	Library Science	1	1	100%	100%	0%	0%	0%	0%	0%
	LIFE SCIENCES									
26.0101	Biology, General	32	17	53%	82%	18%	0%	0%	41%	6%
26.0201	Biochemistry and Biophysics	4	2	50%	0%	100%	0%	0%	0%	50%
26.0301	Botany	7	5	67%	100%	0%	0%	0%	17%	17%
26.0601	Anatomy	2	2	100%	50%	0%	50%	0%	0%	0%
26.0701	Zoology	1	1	100%	100%	0%	0%	0%	0%	0%
26.0704	Pathology, Human and Animal	3	2	67%	100%	0%	0%	0%	33%	0%
	MATHEMATICS									
27.0101	Mathematics	18	8	44%	63%	25%	13%	11%	39%	6%
27.0301	Applied Mathematics	3	1	33%	100%	0%	0%	0%	67%	0%
27.0501	Statistics	9	6	67%	50%	33%	17%	0%	11%	22%
	MILITARY SCIENCES									
28.0301	Military Science (Army)	3	3	100%	100%	0%	0%	0%	0%	0%

Table 11

(Continued) Placement Results for Master's Degree Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	MULTI/INTERDISCIPLINARY STUDIES									
30.0101	Biological and Physical Sciences	4	3	75%	100%	0%	0%	25%	0%	0%
30.0401	Humanities and Social Science	2	0	0%	0%	0%	0%	0%	50%	50%
30.0701	Women's Studies	1	0	0%	0%	0%	0%	0%	100%	0%
30.9999	Multi-Interdisciplinary Studies	8	7	88%	86%	14%	0%	13%	0%	0%
	PARKS AND RECREATION									
31.0301	Parks and Recreation Management	4	3	75%	67%	33%	0%	25%	0%	0%
	PHILOSOPHY AND RELIGION									
38.0101	Philosophy	5	1	20%	100%	0%	0%	0%	80%	0%
38.0201	Religion	3	3	100%	100%	0%	0%	0%	0%	33%
	PHYSICAL SCIENCE									
40.0401	Atmospheric Science/Meteorology	1	0	0%	0%	0%	0%	0%	100%	0%
40.0501	Chemistry	14	9	64%	89%	0%	11%	0%	29%	7%
40.0601	Geology	11	10	91%	20%	80%	0%	0%	9%	0%
40.0701	Metallurgy	1	1	100%	100%	0%	0%	0%	0%	0%
40.0801	Physics, General	18	7	39%	29%	43%	29%	11%	44%	6%
	PSYCHOLOGY									
42.0101	Psychology	66	34	52%	79%	12%	9%	2%	39%	8%
42.0201	Clinical Psychology	2	1	50%	100%	0%	0%	0%	0%	100%
42.0601	Counseling Psychology	6	3	50%	100%	0%	0%	0%	33%	0%
42.9999	Psychology, Other	9	8	89%	100%	0%	0%	11%	0%	0%
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES									
43.0101	Correctional Administration	18	17	94%	94%	6%	0%	0%	6%	0%
43.0104	Criminal Justice Studies	11	9	82%	89%	11%	0%	0%	0%	18%
43.0108	Law Enforcement, Administration	8	6	75%	100%	0%	0%	0%	0%	25%
44.0401	Public Administration	74	62	84%	89%	6%	5%	4%	0%	11%
44.0701	Social Work, General	105	92	88%	92%	8%	0%	6%	5%	1%
	SOCIAL SCIENCES									
45.0101	Social Science	9	5	56%	80%	20%	0%	0%	11%	22%
45.0201	Anthropology	4	2	50%	50%	50%	0%	25%	25%	0%
45.0401	Criminology	2	1	50%	100%	0%	0%	0%	50%	0%
45.0601	Economics	48	9	19%	56%	33%	11%	0%	29%	52%
45.0701	Geography	5	5	100%	100%	0%	0%	0%	0%	0%
45.0801	History	12	12	100%	75%	8%	17%	17%	8%	0%
45.0901	International Relations	3	0	0%	0%	0%	0%	0%	33%	67%
45.1001	Political Science and Government	7	1	14%	100%	0%	0%	0%	43%	43%
45.1101	Sociology	3	1	33%	100%	0%	0%	0%	67%	0%
	VISUAL AND PERFORMING ARTS									
50.0501	Dramatic Arts	15	9	60%	67%	33%	0%	13%	13%	7%
50.0701	Fine Arts, General	23	15	65%	87%	13%	0%	4%	9%	22%
50.0703	Art History and Appreciation	2	0	0%	0%	0%	0%	50%	0%	50%
50.0799	Fine Arts, Other	1	0	0%	0%	0%	0%	0%	0%	100%
50.0901	Music, General	27	13	48%	77%	15%	8%	0%	15%	37%
50.0902	Music History and Appreciation	1	0	0%	0%	0%	0%	0%	0%	100%
50.0903	Applied Music	17	8	47%	100%	0%	0%	6%	47%	0%
50.0904	Music Therapy	1	0	0%	0%	0%	0%	0%	100%	0%
	TOTALS/AVERAGES	3,262	2,499	77%	84%	14%	2%	6%	9%	8%

Table 12

Average Starting Salaries for 1987-88 Master's Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	AGRICULTURAL STUDIES			
1.0103	Agricultural Economics	8	$2,253	$27,036
1.9999	Packaging	7	$2,715	$32,585
2.0201	Agricultural Science	3	$1,903	$22,836
2.0301	Poultry	1	$2,625	$31,500
2.0402	Agronomy	3	$1,917	$23,004
2.0403	Horticulture Science	3	$2,075	$24,900
3.0101	Resource Development	5	$2,050	$24,600
3.0501	Soil Sciences	3	$1,833	$21,999
	TOTALS/AVERAGES	33	$2,215	$26,579
	ARCHITECTURE AND ENVIROMENTAL DESIGN			
4.0201	Architecture	1	$1,250	$15,000
4.0701	Urban Design	2	$2,417	$29,000
	TOTALS/AVERAGES	3	$2,028	$24,333
	AREA AND ETHNICS STUDIES			
5.0101	African Studies	1	$2,083	$25,000
5.0199	Area Studies, Other	1	$1,916	$22,992
	TOTALS/AVERAGES	2	$2,000	$23,996
	BUSINESS			
6.0201	Accounting	14	$2,270	$27,239
6.0301	Banking and Finance	17	$2,882	$34,584
6.0401	Business Administration	98	$3,053	$36,635
6.0402	Materials Management/Purchasing	6	$2,671	$32,052
6.0601	Personnel Human Rels	6	$2,480	$29,760
6.0701	Institutional Management	7	$2,184	$26,213
6.0705	Transportation Management	6	$2,631	$31,572
6.1101	Labor and Industrial Relations	28	$2,825	$33,900
6.1302	Operations Research	7	$2,737	$32,844
6.1501	Organizational Behavior	5	$2,850	$34,200
6.9999	Business and Management, Other	6	$3,361	$40,333
8.0102	Fashion Merchandising	1	$1,250	$15,000
8.0201	Business Marketing	20	$2,712	$32,544
8.0703	Industrial Marketing	5	$1,467	$17,604
	TOTALS/AVERAGES	226	$2,821	$33,846
	COMMUNICATIONS			
9.0101	Communications	21	$2,202	$26,429
9.0201	Advertising	11	$2,486	$29,832
9.0401	Journalism	4	$2,208	$26,500
9.0501	Public Relations	2	$1,500	$18,000
9.0701	Telecommunications	5	$2,324	$27,888
	TOTALS/AVERAGES	43	$2,257	$27,084
	COMPUTER AND INFORMATION SCIENCE			
11.0101	Computer and Information Science	5	$3,077	$36,919
11.0401	Information Sciences and Systems	3	$2,581	$30,967
	TOTALS/AVERAGES	8	$2,891	$34,687

Table 12

(Continued) Average Starting Salaries for Master's Degree Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	EDUCATION			
13.0301	Curriculum and Instruction	104	$2,175	$26,106
13.0401	Education Adminstration	119	$2,712	$32,545
13.0406	Higher Education Administration	10	$1,805	$21,660
13.0801	School Psychology	20	$1,468	$17,621
13.0901	Social Foundations	3	$2,922	$35,067
13.1001	Special Education	22	$2,149	$25,783
13.1003	Education of the Deaf	1	$1,917	$23,000
13.1005	Education of Emotionally Handicapped	8	$2,258	$27,100
13.1006	Education of Mentally Handicapped	3	$2,861	$34,333
13.1011	Guidance and Counseling	37	$2,471	$29,652
13.1012	Adult and Continuing Education	13	$2,053	$24,633
13.1101	Elementary Education	49	$2,044	$24,523
13.1202	Secondary Education	77	$2,350	$28,201
13.1203	Teacher Education	12	$2,646	$31,748
13.1204	Agricultural Education	1	$1,167	$14,004
13.1205	Art Education	6	$2,161	$25,933
13.1302	Business Education	3	$3,250	$39,000
13.1303	Health Education	5	$2,147	$25,760
13.1305	Home Economics Education	1	$2,083	$24,996
13.1307	Distributive Education	4	$1,665	$19,980
13.1309	Music Education	11	$2,804	$33,644
13.1312	Science Education	3	$2,278	$27,336
13.1314	Social Science Education	44	$2,103	$25,230
13.1315	Social Studies Education	46	$2,174	$26,088
13.1316	Technical Education	4	$2,115	$25,375
13.1399	Teaching Education, Specific	5	$2,167	$26,004
13.1401	Teaching English/Second Language	2	$1,725	$20,700
	TOTALS/AVERAGES	613	$2,297	$27,568
	ENGINEERING AND RELATED TECHNOLOGY			
14.0101	Aerospace Engineering	1	$3,000	$36,000
14.0201	Bioengineering	13	$2,871	$34,452
14.0701	Electrical Engineering	1	$2,777	$33,324
14.0801	Electrical Engineering	15	$2,612	$31,342
14.0901	Mechanics Engineering	11	$2,950	$35,405
14.1001	Engineering Science	31	$2,838	$34,056
14.1101	Environmental Engineering	1	$3,417	$41,004
14.1701	Mechanical Engineering	23	$2,912	$34,949
14.1801	Metallurgical Engineering	1	$3,000	$36,000
14.1901	Naval Architecture and Marine Engineering	44	$2,925	$35,102
14.2701	System Engineering	1	$1,892	$22,704
14.9999	Civil Technology	2	$2,639	$31,668
15.0603	Welding Technology	21	$3,075	$36,895
15.9999	Engineering Related Technology, Other	15	$3,428	$41,131
	TOTALS/AVERAGES	180	$2,933	$35,198
	FOREIGN LANGUAGES			
16.0901	French	1	$2,000	$24,000
16.0905	Spanish	1	$2,083	$24,996
16.1302	Semitic Languages, Other	1	$2,865	$34,380
	TOTALS/AVERAGES	3	$2,316	$27,792
	HEALTH			
17.0407	Rehabilitation Counciling	2	$1,825	$21,900
17.0801	Art Therapy	9	$2,000	$24,000
17.0804	Exercise Physiology	3	$1,611	$19,332
18.0101	Audiology and Speech Pathology	12	$2,071	$24,852
18.0199	Audiology and Speech Pathology Other	19	$1,977	$23,724
18.0202	Clinical Biochemistry	1	$1,833	$21,996
18.1101	Nursing, General	6	$2,757	$33,084
	TOTALS/AVERAGES	52	$2,063	$24,755

Table 12

(Continued) Average Starting Salaries for Master's Degree Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	HOME ECONOMICS			
19.0301	Family and Community Services	1	$1,958	$23,496
19.0403	Family Economics	1	$2,500	$30,000
19.0501	Food Science and Human Nutrition	3	$2,114	$25,364
19.0503	Dietetics	1	$1,917	$23,004
19.0704	Family Relations	3	$1,639	$19,668
19.0705	Geriatric Services	4	$1,990	$23,880
	TOTALS/AVERAGES	13	$1,969	$23,624
	LETTERS			
23.0101	English	10	$1,600	$19,198
23.0801	English Literature	3	$1,847	$22,167
23.0901	Rhetoric	2	$2,250	$27,000
	TOTALS/AVERAGES	15	$1,736	$20,832
	LIBERAL/GENERAL STUDIES			
24.0101	Liberal/General Studies	5	$1,966	$23,591
	TOTALS/AVERAGES	5	$1,966	$23,591
	LIBRARY AND ARCHIVAL SCIENCES			
25.0401	Library Science	1	$1,933	$23,190
	TOTALS/AVERAGES	1	$1,933	$23,190
	LIFE SCIENCES			
26.0101	Biology, General	6	$1,806	$21,667
26.0201	Biochemistry and Biophysics	1	$2,500	$30,000
26.0301	Botany	2	$1,902	$22,824
26.0702	Zoology	1	$2,583	$30,996
	TOTALS/AVERAGES	10	$1,972	$23,664
	MATHEMATICS			
27.0101	Mathematics	5	$2,229	$26,750
27.0301	Applied Mathematics	1	$2,083	$24,996
27.0501	Statistics	4	$2,865	$34,384
	TOTALS/AVERAGES	10	$2,469	$29,628
	MULTI-INTERDISCIPLINARY STUDIES			
30.9999	Multi-Interdisciplinary Studies	2	$2,346	$28,150
	TOTALS/AVERAGES	2	$2,346	$28,150
	PARKS AND RECREATION			
31.0301	Parks and Recreation Management	1	$1,833	$21,996
	TOTALS/AVERAGES	1	$1,833	$21,996

Table 12

(Continued) Average Starting Salaries for Master's Degree Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	PHYSICAL SCIENCES			
40.0501	Chemistry	4	$2,958	$35,500
40.0601	Geology	9	$2,374	$28,488
40.0801	Physics, General	5	$2,702	$32,427
	TOTALS/AVERAGES	18	$2,595	$31,140
	PSYCHOLOGY			
42.0101	Psychology	26	$2,151	$25,815
42.0601	Counciling Psychology	2	$1,687	$20,244
	TOTALS/AVERAGES	28	$2,118	$25,417
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES			
43.0101	Correctional Adminstration	14	$2,771	$33,252
43.0104	Criminal Justice Studies	3	$1,305	$15,660
44.0401	Public Administration	40	$2,822	$33,868
44.0701	Social Work, General	102	$1,895	$22,739
	TOTALS/AVERAGES	159	$2,194	$26,331
	SOCIAL SCIENCES			
45.0101	Social Science	3	$2,441	$29,290
45.0401	Criminology	1	$1,833	$22,000
45.0601	Economics	3	$2,247	$26,966
45.0701	Geography	3	$2,389	$28,668
45.0801	History	1	$1,542	$18,500
45.1101	Sociology	1	$1,907	$22,884
	TOTALS/AVERAGES	12	$2,209	$26,513
	VISUAL AND PERFORMING ARTS			
50.0501	Dramatic Arts	3	$1,651	$19,813
50.0701	Fine Arts, General	10	$1,254	$15,050
50.0901	Music, General	7	$1,523	$18,278
50.0903	Applied Music	2	$1,742	$20,904
	TOTALS/AVERAGES	22	$1,438	$17,259
	GRAND TOTALS/AVERAGES	1,459	$2,412	$28,940

Table 13

Doctoral Degrees Conferred Compared to Graduates Reported and Responding by Participating Institutions for Major Curriculum Areas 1987-88

CIP	Curriculum Area	Degrees Conferred Public	Degrees Conferred Private	Total * Number of Degrees Conferred	Total ** Number of Grads Reported	Percent of Conferred	Total ** Number of Grads Responding	Percent of Conferred	Percent of Reported
1	Agribusiness	13	0	13	13	100%	5	38%	38%
2	Agricultural Sciences	40	0	40	38	95%	20	50%	53%
3	Renewable Natural Resources	19	0	19	12	63%	9	47%	75%
4	Architecture	20	0	20	0	0%	0	0%	0%
5	Area and Ethnic Studies	6	0	6	0	0%	0	0%	0%
6	Architecture	30	0	30	8	27%	7	23%	88%
8	Marketing and Distribution	0	0	0	11	>100%	3	>100%	27%
9	Communications	14	0	14	13	93%	8	57%	62%
11	Computer Science	6	0	6	0	0%	0	0%	0%
13	Education	260	10	270	217	80%	148	55%	68%
14	Engineering	165	0	165	156	95%	49	30%	31%
16	Foreign Language	18	0	18	5	28%	4	22%	80%
18	Health Sciences	41	0	41	301	>100%	148	>100%	49%
19	Home Economics	11	0	11	11	100%	8	73%	73%
22	Law	0	0	0	2	>100%	2	>100%	100%
23	Letters	48	0	48	12	25%	12	25%	100%
25	Library Science	2	0	2	0	0%	0	0%	0%
26	Life Sciences	128	0	128	44	34%	16	13%	36%
27	Mathematics	27	0	27	13	48%	8	30%	62%
30	Interdisciplinary Studies	8	0	8	1	13%	1	13%	100%
31	Parks and Recreation	2	0	2	2	100%	1	50%	50%
38	Philosophy and Religion	5	2	7	1	14%	1	14%	100%
39	Theology	0	28	28	0	0%	0	0%	0%
40	Physical Sciences	128	1	129	42	33%	20	16%	48%
42	Psychology	79	6	85	51	60%	29	34%	57%
44	Public Affairs	6	0	6	5	83%	3	50%	60%
45	Social Sciences	99	0	99	37	37%	29	29%	78%
50	Visual and Performing Arts	45	0	44.5	11	25%	10	22%	91%
	TOTALS/AVERAGES	1,220	47	1,267	1,006	79%	542	43%	54%

* Data from the Michigan Department of Education
** Data from institutions responding to this survey

Table 14

Placement Results for 1987-88 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	AGRICULTURAL STUDIES									
1.0103	Agricultural Economics	4	4	100%	100%	0%	0%	0%	0%	0%
1.9999	Packaging	1	1	100%	100%	0%	0%	0%	0%	0%
2.0201	Agricultural Science	6	6	100%	67%	33%	0%	0%	0%	0%
2.0301	Food Sciences	6	5	83%	100%	0%	0%	17%	0%	0%
2.0402	Agronomy	5	5	100%	100%	0%	0%	0%	0%	0%
2.0403	Horticulture Science	3	2	67%	100%	0%	0%	33%	0%	0%
3.0501	Soil Sciences	4	4	100%	100%	0%	0%	0%	0%	0%
3.0601	Wildlife Management	5	5	100%	100%	0%	0%	0%	0%	0%
	BUSINESS									
6.0201	Accounting	1	1	100%	100%	0%	0%	0%	0%	0%
6.0301	Banking and Finance	1	1	100%	100%	0%	0%	0%	0%	0%
6.0401	Business, General	1	1	100%	100%	0%	0%	0%	0%	0%
6.0403	Business Administration	1	1	100%	100%	0%	0%	0%	0%	0%
6.0601	Human Resources Development	4	4	100%	100%	0%	0%	0%	0%	0%
8.0201	Business Marketing	2	2	100%	100%	0%	0%	0%	0%	0%
8.1104	Transportation/Travel Marketing	1	1	100%	100%	0%	0%	0%	0%	0%
	COMMUNICATIONS									
9.0101	Communications	3	3	100%	67%	33%	0%	0%	0%	0%
9.9999	Communications, Other	5	5	100%	100%	0%	0%	0%	0%	0%
	EDUCATION									
13.0101	Education, General	1	1	100%	0%	100%	0%	0%	0%	0%
13.0301	Curriculum and Instruction	20	19	95%	95%	5%	0%	5%	0%	0%
13.0401	Education Adminstration	73	64	88%	94%	5%	2%	12%	0%	0%
13.0406	Higher Education Administration	13	13	100%	92%	8%	0%	0%	0%	0%
13.0801	School Psychology	4	4	100%	100%	0%	0%	0%	0%	0%
13.1001	Special Education	5	5	100%	80%	20%	0%	0%	0%	0%
13.1101	Guidance and Counseling	1	1	100%	0%	100%	0%	0%	0%	0%
13.1201	Adult and Continuing Education	18	15	83%	100%	0%	0%	6%	0%	11%
13.1307	International/Comparative Education	1	1	100%	100%	0%	0%	0%	0%	0%
13.1309	Industrial Arts Education	2	2	100%	50%	50%	0%	0%	0%	0%
13.1311	Mathematics Education	7	7	100%	43%	57%	0%	0%	0%	0%
13.1312	Teacher Education	2	1	50%	0%	100%	0%	0%	50%	0%
13.1314	Physical Education	3	3	100%	67%	33%	0%	0%	0%	0%
13.1315	Reading Education	1	1	100%	100%	0%	0%	0%	0%	0%
	ENGINEERING AND RELATED TECHNOLOGIES									
14.0201	Aerospace/Aeronautical Engineering	2	2	100%	0%	100%	0%	0%	0%	0%
14.0301	Agricultural Engineering	6	6	100%	100%	0%	0%	0%	0%	0%
14.0501	Boimedical Engineering	1	1	100%	0%	100%	0%	0%	0%	0%
14.0701	Chemical Engineering	3	3	100%	100%	0%	0%	0%	0%	0%
14.0801	Civil Engineering	5	2	40%	0%	100%	0%	60%	0%	0%
14.0901	Computer Engineering	7	3	43%	67%	33%	0%	14%	0%	43%
14.1001	Electrical Engineering	11	10	91%	60%	40%	0%	0%	0%	9%
14.1101	Mechanics Engineering	1	0	0%	0%	0%	0%	0%	0%	100%
14.1701	Industrial Engineering	2	1	50%	0%	100%	0%	0%	0%	50%
14.1801	Materials Engineering	1	1	100%	100%	0%	0%	0%	0%	0%
14.1901	Mechanical Engineering	3	2	67%	100%	0%	0%	0%	33%	0%
14.2301	Nuclear Engineering	3	3	100%	0%	100%	0%	0%	0%	0%
14.2701	Systems Science	2	2	100%	100%	0%	0%	0%	0%	0%
14.9999	Computer Engineering	2	2	100%	50%	50%	0%	0%	0%	0%
	FOREIGN LANGUAGES									
16.0402	Russian	1	1	100%	100%	0%	0%	0%	0%	0%
16.0901	French	1	1	100%	0%	100%	0%	0%	0%	0%
16.0905	Spanish	2	2	100%	100%	0%	0%	0%	0%	0%
16.1101	Arabic	2	2	100%	0%	100%	0%	0%	0%	0%

Table 14

(Continued) Placemnet Results for Doctoral Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	HEALTH									
18.0199	Audiology/Speech Pathology, Other	1	1	100%	100%	0%	0%	0%	0%	0%
18.1001	Human Medicine	43	41	95%	76%	24%	0%	0%	2%	2%
18.1201	Optometry	27	25	93%	80%	20%	0%	4%	0%	4%
18.1301	Osteopathic Medicine	31	29	94%	90%	10%	0%	0%	3%	3%
18.2401	Veterinary Medicine	44	36	82%	72%	28%	0%	14%	5%	0%
18.9999	Health Science, Other	2	2	100%	50%	50%	0%	0%	0%	0%
	HOME ECONOMICS									
19.0503	Dietetics/Human Nutrition Services	3	3	100%	67%	33%	0%	0%	0%	0%
19.0701	Individual and Family Development	5	5	100%	100%	0%	0%	0%	0%	0%
	LAW									
22.0101	Law	2	2	100%	0%	100%	0%	0%	0%	0%
	LETTERS									
23.0101	Speech, Debate, Forensics	6	5	83%	100%	0%	0%	0%	17%	0%
23.0301	Comparative Literature	1	0	0%	0%	0%	0%	0%	0%	100%
23.0801	Comparative Literature	6	5	83%	80%	20%	0%	0%	17%	0%
	LIFE SCIENCES									
26.0201	Biochemistry and Biophysics	5	5	100%	100%	0%	0%	0%	0%	0%
26.0301	Botany	2	2	100%	100%	0%	0%	0%	0%	0%
26.0501	Microbiology	2	2	100%	100%	0%	0%	0%	0%	0%
26.0601	Anatomy	1	0	0%	0%	0%	0%	100%	0%	0%
26.0612	Toxicology	2	2	100%	100%	0%	0%	0%	0%	0%
26.0701	Zoology	1	0	0%	0%	0%	0%	100%	0%	0%
26.0704	Pathology, Human and Animal	1	1	100%	100%	0%	0%	0%	0%	0%
26.0706	Physiology, Human and Animal	2	1	50%	100%	0%	0%	50%	0%	0%
	MATHEMATICS									
27.0101	Mathematics	6	6	100%	100%	0%	0%	0%	0%	0%
27.0301	Applied Mathematics	1	1	100%	100%	0%	0%	0%	0%	0%
27.0501	Statistics	1	0	0%	0%	0%	0%	0%	0%	0%
	MULTI/INTERDISCIPLINARY STUDIES									
30.9999	Business Chemistry	1	1	100%	0%	100%	0%	0%	0%	0%
	PARKS AND RECREATION									
31.0301	Parks and Recreational Mgmt.	1	1	100%	100%	0%	0%	0%	0%	0%
	PHILOSOPHY AND RELIGION									
38.0101	Philosophy	1	1	100%	100%	0%	0%	0%	0%	0%
	PHYSICAL SCIENCES									
40.0501	Chemistry	14	14	100%	86%	14%	0%	0%	0%	0%
40.0601	Geology	1	1	100%	100%	0%	0%	0%	0%	0%
40.0801	Physics, General	5	4	80%	100%	0%	0%	20%	0%	0%

Table 14

(Continued) Placemnet Results for Doctoral Graduates

CIP No.	Curriculum Area	Number Responding	Number Employed Full Time	Percent Employed Full Time	Employement Location			Percent Un-Employed	Percent in School	Percent Other
					% Mich	% Other	% Unknown			
	PSYCHOLOGY									
42.0101	Psychology	18	15	83%	60%	40%	0%	6%	6%	6%
42.0201	Anthropology	3	2	67%	100%	0%	0%	0%	0%	33%
42.0601	Counceling Psychology	8	8	100%	88%	13%	0%	0%	0%	0%
	PUBLIC AFFAIRS AND PROTECTIVE SERVICES									
44.0401	Public Administration	3	3	100%	100%	0%	0%	0%	0%	0%
	SOCIAL SCIENCES									
45.0101	Social sciences	3	2	67%	100%	0%	0%	33%	0%	0%
45.0201	Anthropology	3	2	67%	50%	50%	0%	33%	0%	0%
45.0601	Economics	7	7	100%	86%	14%	0%	0%	0%	0%
45.0701	Geography	1	1	100%	100%	0%	0%	0%	0%	0%
45.0801	History	2	2	100%	50%	50%	0%	0%	0%	0%
45.1001	Political Science	3	3	100%	100%	0%	0%	0%	0%	0%
45.1101	Sociology	10	10	100%	90%	10%	0%	0%	0%	0%
	VISUAL AND PERFORMING ARTS									
50.0501	Dramatic Arts	1	1	100%	100%	0%	0%	0%	0%	0%
50.0901	Music, General	1	1	100%	0%	100%	0%	0%	0%	0%
50.0902	Music History and Appreciation	1	1	100%	100%	0%	0%	0%	0%	0%
50.0903	Applied Music	7	7	100%	100%	0%	0%	0%	0%	0%
	GRAND TOTALS/AVERAGES	548	493	90%	83%	17%	0%	6%	2%	3%

Table 15

Average Starting Salaries for 1987-88 Doctoral Graduates of Selected Michigan Colleges and Universities by Curriculum Areas

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	AGRICULTURAL STUDIES			
1.1013	Agricultural Economics	1	$2,750	$33,000
2.0201	Agricultural Science	1	$3,000	$36,000
2.0301	Food Sciences	2	$3,237	$38,844
2.0402	Agronomy	2	$2,250	$27,000
2.0403	Horticulture Science	1	$2,250	$27,000
3.0501	Soil Sciences	1	$2,633	$31,596
3.0601	Wildlife Management	2	$3,333	$39,996
	TOTALS/AVERAGES	10	$2,827	$33,928
	BUSINESS			
6.0201	Accounting	1	$5,417	$65,004
6.0301	Banking and Finance	1	$3,750	$45,000
6.0403	Business Administration	1	$2,750	$33,000
6.0601	Human Resources Development	2	$3,708	$44,496
8.0201	Business Marketing	2	$3,771	$45,252
	TOTALS/AVERAGES	7	$3,839	$46,071
	COMMUNICATIONS			
9.0101	Communications	2	$2,067	$24,804
9.9999	Communications, Other	3	$2,628	$31,536
	TOTALS/AVERAGES	5	$2,404	$28,843
	EDUCATION			
13.0101	Curriculum and Instruction	1	$2,167	$26,004
13.0301	Education Adminstration	13	$3,025	$36,302
13.0401	Higher Education Administration	54	$3,583	$42,996
13.0406	Educational Testing and Evaluation	9	$3,394	$40,728
13.0801	School Psychology	4	$2,920	$35,044
13.1001	Special Education	4	$3,083	$37,001
13.1101	Guidance and Counseling	1	$3,333	$39,996
13.1201	Adult and Continuing Education	11	$1,933	$23,196
13.1309	Industrial Arts Education	2	$2,900	$34,800
13.1311	Mathematics Education	5	$2,333	$27,996
13.1312	Music Education	1	$2,767	$33,204
13.1314	Physical Education	2	$2,000	$24,000
	TOTALS/AVERAGES	107	$3,162	$37,947
	ENGINEERING AND RELATED TECHNOLOGY			
14.0301	Agricultural Engineering	2	$2,958	$35,496
14.0701	Chemical Engineering	2	$3,710	$44,520
14.0801	Civil Engineering	2	$2,167	$25,998
14.0901	Computer Engineering	2	$4,000	$48,000
14.1001	Electrical Engineering	9	$3,980	$47,756
14.2701	Systems Science	2	$2,208	$26,496
	TOTALS/AVERAGES	19	$3,469	$41,624
	FOREIGN LANGUAGES			
16.0402	Russian	1	$1,833	$21,996
16.0901	French	1	$2,496	$29,952
16.0905	Spanish	1	$2,083	$24,996
	TOTALS/AVERAGES	3	$2,137	$25,648

Table 15

(Continued) Average Starting Salaries for Doctoral Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	HEALTH			
18.1001	Human Medicine	1	$1,917	$23,004
18.2401	Veterinary Medicine	30	$2,004	$24,048
18.9999	Health Science, Other	2	$3,375	$40,500
	TOTALS/AVERAGES	33	$2,084	$25,013
	HOME ECONOMICS			
19.0701	Individual and Family Development	2	$2,645	$31,740
	TOTALS/AVERAGES	2	$2,645	$31,740
	LAW			
22.0101	Law	1	$4,833	$58,000
	TOTALS/AVERAGES	1	$4,833	$58,000
	LETTERS			
23.0101	Speech, Debate, Forensics	3	$2,116	$25,392
23.0801	Comparative Literature	5	$2,133	$25,596
	TOTALS/AVERAGES	8	$2,127	$25,520
	LIFE SCIENCES			
26.0201	Biochemistry and Biophysics	2	$2,496	$29,952
26.0612	Toxicology	2	$2,508	$30,096
26.0704	Pathology, Human and Animal	1	$3,833	$45,996
	TOTALS/AVERAGES	5	$2,768	$33,218
	MATHEMATICS			
27.0101	Mathematics	4	$2,146	$25,752
27.0301	Applied Mathematics	1	$2,545	$30,540
	TOTALS/AVERAGES	5	$2,226	$26,710
	MULTI/INTERDISCIPLINARY STUDIES			
30.9999	Business Chemistry	1	$2,333	$27,996
	TOTALS/AVERAGES	1	$2,333	$27,996
	PARKS AND RECREATION			
31.0301	Parks and Rec. Mgmt.	1	$2,550	$30,600
	TOTALS/AVERAGES	1	$2,550	$30,600
	PHYSICAL SCIENCE			
40.0501	Chemistry	6	$2,655	$31,863
40.0801	Physics, General	2	$2,367	$28,404
	TOTALS/AVERAGES	8	$2,563	$30,751

Table 15

(Continued) Average Starting Salaries for Doctoral Graduates

CIP No.	Curriculum Area	Number Reporting Salaries	Average Monthly Salaries	Average Yearly Salaries
	PSYCHOLOGY			
42.0101	Psychology	5	$3,006	$36,070
42.0601	Counseling Psychology	5	$2,917	$35,004
	TOTALS/AVERAGES	10	$2,961	$35,537
	SOCIAL SCIENCE			
45.0101	Social Science	1	$4,000	$48,000
45.0201	Anthropology	1	$2,500	$30,000
45.0601	Economics	2	$2,815	$33,780
45.0701	Geography	1	$2,083	$24,996
45.0801	History	1	$3,750	$45,000
45.1001	Political Science	1	$1,917	$23,004
45.1101	Sociology	4	$2,292	$27,504
	TOTALS/AVERAGES	11	$2,641	$31,689
	VISUAL AND PERFORMING ARTS			
50.0501	Dramatic Arts	1	$2,917	$35,004
50.0902	Music History and Appreciation	1	$2,997	$35,964
50.0903	Applied Music	4	$1,965	$2,380
	TOTALS/AVERAGES	6	$2,296	$27,548
	GRAND TOTALS/AVERAGES	242	$2,879	$34,542

The Collegiate Employment Research Institute was established by Michigan's Legislature in 1984. The Institute is charged with the task of examining issues on career development and employment for college graduates. Various projects are underway, including the study covered in this report, to provide information to educators and counselors for program development. If you have any questions on this study or any Institute project, please contact the Institute directly.

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